

# 1 Conducted output power for NR FR1

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Power (dBm) | Gain (dBm) | ERP (dBm) | ERP Limit (dBm) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-------------|------------|-----------|-----------------|---------|
| n12  | 15        | 5               | 140300     | 12@6          | DFT_BPSK   | 23.10       | -4.65      | 16.30     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@1           | DFT_BPSK   | 23.12       | -4.65      | 16.32     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@23          | DFT_BPSK   | 23.10       | -4.65      | 16.30     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 12@6          | DFT_QPSK   | 23.16       | -4.65      | 16.36     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@1           | DFT_QPSK   | 23.11       | -4.65      | 16.31     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@23          | DFT_QPSK   | 23.00       | -4.65      | 16.20     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 12@6          | DFT_QAM16  | 22.23       | -4.65      | 15.43     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@1           | DFT_QAM16  | 22.28       | -4.65      | 15.48     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@23          | DFT_QAM16  | 22.21       | -4.65      | 15.41     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 12@6          | DFT_QAM64  | 20.66       | -4.65      | 13.86     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@1           | DFT_QAM64  | 20.80       | -4.65      | 14.00     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@23          | DFT_QAM64  | 20.82       | -4.65      | 14.02     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 12@6          | DFT_QAM256 | 18.75       | -4.65      | 11.95     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@1           | DFT_QAM256 | 19.06       | -4.65      | 12.26     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@23          | DFT_QAM256 | 18.95       | -4.65      | 12.15     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 13@6          | CP_QPSK    | 21.65       | -4.65      | 14.85     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@1           | CP_QPSK    | 21.64       | -4.65      | 14.84     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@23          | CP_QPSK    | 21.62       | -4.65      | 14.82     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 13@6          | CP_QAM16   | 21.16       | -4.65      | 14.36     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@1           | CP_QAM16   | 21.46       | -4.65      | 14.66     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@23          | CP_QAM16   | 21.01       | -4.65      | 14.21     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 13@6          | CP_QAM64   | 19.69       | -4.65      | 12.89     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@1           | CP_QAM64   | 19.68       | -4.65      | 12.88     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@23          | CP_QAM64   | 19.67       | -4.65      | 12.87     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 13@6          | CP_QAM256  | 16.82       | -4.65      | 10.02     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@1           | CP_QAM256  | 16.98       | -4.65      | 10.18     | 34.77           | PASS    |
| n12  | 15        | 5               | 140300     | 1@23          | CP_QAM256  | 16.92       | -4.65      | 10.12     | 34.77           | PASS    |
| n12  | 15        | 5               | 141500     | 12@6          | DFT_BPSK   | 23.13       | -4.65      | 16.33     | 34.77           | PASS    |
| n12  | 15        | 5               | 141500     | 1@1           | DFT_BPSK   | 23.21       | -4.65      | 16.41     | 34.77           | PASS    |
| n12  | 15        | 5               | 141500     | 1@23          | DFT_BPSK   | 23.16       | -4.65      | 16.36     | 34.77           | PASS    |
| n12  | 15        | 5               | 141500     | 12@6          | DFT_QPSK   | 23.20       | -4.65      | 16.40     | 34.77           | PASS    |
| n12  | 15        | 5               | 141500     | 1@1           | DFT_QPSK   | 23.02       | -4.65      | 16.22     | 34.77           | PASS    |
| n12  | 15        | 5               | 141500     | 1@23          | DFT_QPSK   | 23.10       | -4.65      | 16.30     | 34.77           | PASS    |
| n12  | 15        | 5               | 141500     | 12@6          | DFT_QAM16  | 22.14       | -4.65      | 15.34     | 34.77           | PASS    |
| n12  | 15        | 5               | 141500     | 1@1           | DFT_QAM16  | 22.29       | -4.65      | 15.49     | 34.77           | PASS    |
| n12  | 15        | 5               | 141500     | 1@23          | DFT_QAM16  | 22.66       | -4.65      | 15.86     | 34.77           | PASS    |
| n12  | 15        | 5               | 141500     | 12@6          | DFT_QAM64  | 20.71       | -4.65      | 13.91     | 34.77           | PASS    |
| n12  | 15        | 5               | 141500     | 1@1           | DFT_QAM64  | 20.81       | -4.65      | 14.01     | 34.77           | PASS    |

|     |    |    |        |       |            |       |       |       |       |      |
|-----|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n12 | 15 | 5  | 141500 | 1@23  | DFT_QAM64  | 20.70 | -4.65 | 13.90 | 34.77 | PASS |
| n12 | 15 | 5  | 141500 | 12@6  | DFT_QAM256 | 18.81 | -4.65 | 12.01 | 34.77 | PASS |
| n12 | 15 | 5  | 141500 | 1@1   | DFT_QAM256 | 19.04 | -4.65 | 12.24 | 34.77 | PASS |
| n12 | 15 | 5  | 141500 | 1@23  | DFT_QAM256 | 18.66 | -4.65 | 11.86 | 34.77 | PASS |
| n12 | 15 | 5  | 141500 | 13@6  | CP_QPSK    | 21.67 | -4.65 | 14.87 | 34.77 | PASS |
| n12 | 15 | 5  | 141500 | 1@1   | CP_QPSK    | 21.62 | -4.65 | 14.82 | 34.77 | PASS |
| n12 | 15 | 5  | 141500 | 1@23  | CP_QPSK    | 21.58 | -4.65 | 14.78 | 34.77 | PASS |
| n12 | 15 | 5  | 141500 | 13@6  | CP_QAM16   | 21.17 | -4.65 | 14.37 | 34.77 | PASS |
| n12 | 15 | 5  | 141500 | 1@1   | CP_QAM16   | 21.08 | -4.65 | 14.28 | 34.77 | PASS |
| n12 | 15 | 5  | 141500 | 1@23  | CP_QAM16   | 21.38 | -4.65 | 14.58 | 34.77 | PASS |
| n12 | 15 | 5  | 141500 | 13@6  | CP_QAM64   | 19.59 | -4.65 | 12.79 | 34.77 | PASS |
| n12 | 15 | 5  | 141500 | 1@1   | CP_QAM64   | 19.64 | -4.65 | 12.84 | 34.77 | PASS |
| n12 | 15 | 5  | 141500 | 1@23  | CP_QAM64   | 19.60 | -4.65 | 12.80 | 34.77 | PASS |
| n12 | 15 | 5  | 141500 | 13@6  | CP_QAM256  | 16.49 | -4.65 | 9.69  | 34.77 | PASS |
| n12 | 15 | 5  | 141500 | 1@1   | CP_QAM256  | 17.07 | -4.65 | 10.27 | 34.77 | PASS |
| n12 | 15 | 5  | 141500 | 1@23  | CP_QAM256  | 17.02 | -4.65 | 10.22 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 12@6  | DFT_BPSK   | 23.11 | -4.65 | 16.31 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@1   | DFT_BPSK   | 23.09 | -4.65 | 16.29 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@23  | DFT_BPSK   | 23.16 | -4.65 | 16.36 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 12@6  | DFT_QPSK   | 23.14 | -4.65 | 16.34 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@1   | DFT_QPSK   | 23.05 | -4.65 | 16.25 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@23  | DFT_QPSK   | 22.97 | -4.65 | 16.17 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 12@6  | DFT_QAM16  | 22.16 | -4.65 | 15.36 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@1   | DFT_QAM16  | 22.14 | -4.65 | 15.34 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@23  | DFT_QAM16  | 22.60 | -4.65 | 15.80 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 12@6  | DFT_QAM64  | 20.68 | -4.65 | 13.88 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@1   | DFT_QAM64  | 20.73 | -4.65 | 13.93 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@23  | DFT_QAM64  | 20.81 | -4.65 | 14.01 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 12@6  | DFT_QAM256 | 18.75 | -4.65 | 11.95 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@1   | DFT_QAM256 | 18.61 | -4.65 | 11.81 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@23  | DFT_QAM256 | 19.10 | -4.65 | 12.30 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 13@6  | CP_QPSK    | 21.67 | -4.65 | 14.87 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@1   | CP_QPSK    | 21.60 | -4.65 | 14.80 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@23  | CP_QPSK    | 21.59 | -4.65 | 14.79 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 13@6  | CP_QAM16   | 21.22 | -4.65 | 14.42 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@1   | CP_QAM16   | 21.04 | -4.65 | 14.24 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@23  | CP_QAM16   | 21.34 | -4.65 | 14.54 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 13@6  | CP_QAM64   | 19.65 | -4.65 | 12.85 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@1   | CP_QAM64   | 19.61 | -4.65 | 12.81 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@23  | CP_QAM64   | 19.64 | -4.65 | 12.84 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 13@6  | CP_QAM256  | 16.46 | -4.65 | 9.66  | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@1   | CP_QAM256  | 16.96 | -4.65 | 10.16 | 34.77 | PASS |
| n12 | 15 | 5  | 142700 | 1@23  | CP_QAM256  | 17.03 | -4.65 | 10.23 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 25@12 | DFT_BPSK   | 23.04 | -4.65 | 16.24 | 34.77 | PASS |

|     |    |    |        |       |            |       |       |       |       |      |
|-----|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n12 | 15 | 10 | 140800 | 1@1   | DFT_BPSK   | 23.17 | -4.65 | 16.37 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | DFT_BPSK   | 22.96 | -4.65 | 16.16 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 25@12 | DFT_QPSK   | 23.06 | -4.65 | 16.26 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | DFT_QPSK   | 22.97 | -4.65 | 16.17 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | DFT_QPSK   | 22.90 | -4.65 | 16.10 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 25@12 | DFT_QAM16  | 22.02 | -4.65 | 15.22 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | DFT_QAM16  | 22.05 | -4.65 | 15.25 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | DFT_QAM16  | 22.40 | -4.65 | 15.60 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 25@12 | DFT_QAM64  | 20.55 | -4.65 | 13.75 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | DFT_QAM64  | 20.68 | -4.65 | 13.88 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | DFT_QAM64  | 20.62 | -4.65 | 13.82 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 25@12 | DFT_QAM256 | 18.48 | -4.65 | 11.68 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | DFT_QAM256 | 18.93 | -4.65 | 12.13 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | DFT_QAM256 | 18.45 | -4.65 | 11.65 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 26@13 | CP_QPSK    | 21.56 | -4.65 | 14.76 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | CP_QPSK    | 21.49 | -4.65 | 14.69 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | CP_QPSK    | 21.51 | -4.65 | 14.71 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 26@13 | CP_QAM16   | 21.00 | -4.65 | 14.20 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | CP_QAM16   | 21.27 | -4.65 | 14.47 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | CP_QAM16   | 20.82 | -4.65 | 14.02 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 26@13 | CP_QAM64   | 19.50 | -4.65 | 12.70 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | CP_QAM64   | 19.50 | -4.65 | 12.70 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | CP_QAM64   | 19.39 | -4.65 | 12.59 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 26@13 | CP_QAM256  | 16.40 | -4.65 | 9.60  | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@1   | CP_QAM256  | 16.99 | -4.65 | 10.19 | 34.77 | PASS |
| n12 | 15 | 10 | 140800 | 1@50  | CP_QAM256  | 16.87 | -4.65 | 10.07 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 25@12 | DFT_BPSK   | 23.04 | -4.65 | 16.24 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | DFT_BPSK   | 22.97 | -4.65 | 16.17 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | DFT_BPSK   | 22.90 | -4.65 | 16.10 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 25@12 | DFT_QPSK   | 22.97 | -4.65 | 16.17 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | DFT_QPSK   | 22.80 | -4.65 | 16.00 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | DFT_QPSK   | 22.80 | -4.65 | 16.00 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 25@12 | DFT_QAM16  | 21.93 | -4.65 | 15.13 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | DFT_QAM16  | 21.97 | -4.65 | 15.17 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | DFT_QAM16  | 21.91 | -4.65 | 15.11 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 25@12 | DFT_QAM64  | 20.49 | -4.65 | 13.69 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | DFT_QAM64  | 20.66 | -4.65 | 13.86 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | DFT_QAM64  | 20.65 | -4.65 | 13.85 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 25@12 | DFT_QAM256 | 18.51 | -4.65 | 11.71 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | DFT_QAM256 | 18.45 | -4.65 | 11.65 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | DFT_QAM256 | 18.45 | -4.65 | 11.65 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 26@13 | CP_QPSK    | 21.43 | -4.65 | 14.63 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | CP_QPSK    | 21.51 | -4.65 | 14.71 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | CP_QPSK    | 21.46 | -4.65 | 14.66 | 34.77 | PASS |

|     |    |    |        |       |            |       |       |       |       |      |
|-----|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n12 | 15 | 10 | 141500 | 26@13 | CP_QAM16   | 21.00 | -4.65 | 14.20 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | CP_QAM16   | 21.25 | -4.65 | 14.45 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | CP_QAM16   | 21.21 | -4.65 | 14.41 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 26@13 | CP_QAM64   | 19.45 | -4.65 | 12.65 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | CP_QAM64   | 19.42 | -4.65 | 12.62 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | CP_QAM64   | 19.34 | -4.65 | 12.54 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 26@13 | CP_QAM256  | 16.35 | -4.65 | 9.55  | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@1   | CP_QAM256  | 16.91 | -4.65 | 10.11 | 34.77 | PASS |
| n12 | 15 | 10 | 141500 | 1@50  | CP_QAM256  | 16.88 | -4.65 | 10.08 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 25@12 | DFT_BPSK   | 23.02 | -4.65 | 16.22 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | DFT_BPSK   | 23.00 | -4.65 | 16.20 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | DFT_BPSK   | 22.90 | -4.65 | 16.10 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 25@12 | DFT_QPSK   | 22.97 | -4.65 | 16.17 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | DFT_QPSK   | 22.82 | -4.65 | 16.02 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | DFT_QPSK   | 22.82 | -4.65 | 16.02 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 25@12 | DFT_QAM16  | 21.99 | -4.65 | 15.19 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | DFT_QAM16  | 21.95 | -4.65 | 15.15 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | DFT_QAM16  | 21.97 | -4.65 | 15.17 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 25@12 | DFT_QAM64  | 20.54 | -4.65 | 13.74 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | DFT_QAM64  | 20.56 | -4.65 | 13.76 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | DFT_QAM64  | 20.64 | -4.65 | 13.84 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 25@12 | DFT_QAM256 | 18.58 | -4.65 | 11.78 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | DFT_QAM256 | 18.81 | -4.65 | 12.01 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | DFT_QAM256 | 18.47 | -4.65 | 11.67 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 26@13 | CP_QPSK    | 21.41 | -4.65 | 14.61 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | CP_QPSK    | 21.37 | -4.65 | 14.57 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | CP_QPSK    | 21.42 | -4.65 | 14.62 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 26@13 | CP_QAM16   | 20.98 | -4.65 | 14.18 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | CP_QAM16   | 21.23 | -4.65 | 14.43 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | CP_QAM16   | 21.16 | -4.65 | 14.36 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 26@13 | CP_QAM64   | 19.47 | -4.65 | 12.67 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | CP_QAM64   | 19.47 | -4.65 | 12.67 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | CP_QAM64   | 19.47 | -4.65 | 12.67 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 26@13 | CP_QAM256  | 16.59 | -4.65 | 9.79  | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@1   | CP_QAM256  | 16.91 | -4.65 | 10.11 | 34.77 | PASS |
| n12 | 15 | 10 | 142200 | 1@50  | CP_QAM256  | 16.86 | -4.65 | 10.06 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 36@18 | DFT_BPSK   | 23.11 | -4.65 | 16.31 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | DFT_BPSK   | 23.08 | -4.65 | 16.28 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | DFT_BPSK   | 22.96 | -4.65 | 16.16 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 36@18 | DFT_QPSK   | 23.16 | -4.65 | 16.36 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | DFT_QPSK   | 22.90 | -4.65 | 16.10 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | DFT_QPSK   | 22.86 | -4.65 | 16.06 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 36@18 | DFT_QAM16  | 22.16 | -4.65 | 15.36 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | DFT_QAM16  | 22.55 | -4.65 | 15.75 | 34.77 | PASS |

|     |    |    |        |       |            |       |       |       |       |      |
|-----|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n12 | 15 | 15 | 141300 | 1@77  | DFT_QAM16  | 22.45 | -4.65 | 15.65 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 36@18 | DFT_QAM64  | 20.72 | -4.65 | 13.92 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | DFT_QAM64  | 20.47 | -4.65 | 13.67 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | DFT_QAM64  | 20.60 | -4.65 | 13.80 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 36@18 | DFT_QAM256 | 18.77 | -4.65 | 11.97 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | DFT_QAM256 | 19.03 | -4.65 | 12.23 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | DFT_QAM256 | 18.54 | -4.65 | 11.74 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 39@19 | CP_QPSK    | 21.59 | -4.65 | 14.79 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | CP_QPSK    | 21.52 | -4.65 | 14.72 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | CP_QPSK    | 21.40 | -4.65 | 14.60 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 39@19 | CP_QAM16   | 21.20 | -4.65 | 14.40 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | CP_QAM16   | 21.31 | -4.65 | 14.51 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | CP_QAM16   | 21.20 | -4.65 | 14.40 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 39@19 | CP_QAM64   | 19.61 | -4.65 | 12.81 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | CP_QAM64   | 19.53 | -4.65 | 12.73 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | CP_QAM64   | 19.47 | -4.65 | 12.67 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 39@19 | CP_QAM256  | 16.64 | -4.65 | 9.84  | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@1   | CP_QAM256  | 17.08 | -4.65 | 10.28 | 34.77 | PASS |
| n12 | 15 | 15 | 141300 | 1@77  | CP_QAM256  | 17.02 | -4.65 | 10.22 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 36@18 | DFT_BPSK   | 23.13 | -4.65 | 16.33 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | DFT_BPSK   | 23.07 | -4.65 | 16.27 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | DFT_BPSK   | 22.97 | -4.65 | 16.17 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 36@18 | DFT_QPSK   | 23.11 | -4.65 | 16.31 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | DFT_QPSK   | 23.03 | -4.65 | 16.23 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | DFT_QPSK   | 22.87 | -4.65 | 16.07 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 36@18 | DFT_QAM16  | 22.24 | -4.65 | 15.44 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | DFT_QAM16  | 22.04 | -4.65 | 15.24 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | DFT_QAM16  | 22.01 | -4.65 | 15.21 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 36@18 | DFT_QAM64  | 20.69 | -4.65 | 13.89 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | DFT_QAM64  | 20.71 | -4.65 | 13.91 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | DFT_QAM64  | 20.67 | -4.65 | 13.87 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 36@18 | DFT_QAM256 | 18.82 | -4.65 | 12.02 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | DFT_QAM256 | 18.77 | -4.65 | 11.97 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | DFT_QAM256 | 18.61 | -4.65 | 11.81 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 39@19 | CP_QPSK    | 21.64 | -4.65 | 14.84 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | CP_QPSK    | 21.51 | -4.65 | 14.71 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | CP_QPSK    | 21.49 | -4.65 | 14.69 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 39@19 | CP_QAM16   | 21.20 | -4.65 | 14.40 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | CP_QAM16   | 21.39 | -4.65 | 14.59 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | CP_QAM16   | 21.28 | -4.65 | 14.48 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 39@19 | CP_QAM64   | 19.61 | -4.65 | 12.81 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@1   | CP_QAM64   | 19.58 | -4.65 | 12.78 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | CP_QAM64   | 19.81 | -4.65 | 13.01 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 39@19 | CP_QAM256  | 16.68 | -4.65 | 9.88  | 34.77 | PASS |

|     |    |    |        |       |            |       |       |       |       |      |
|-----|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n12 | 15 | 15 | 141500 | 1@1   | CP_QAM256  | 17.14 | -4.65 | 10.34 | 34.77 | PASS |
| n12 | 15 | 15 | 141500 | 1@77  | CP_QAM256  | 16.95 | -4.65 | 10.15 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 36@18 | DFT_BPSK   | 23.11 | -4.65 | 16.31 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | DFT_BPSK   | 23.09 | -4.65 | 16.29 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | DFT_BPSK   | 22.95 | -4.65 | 16.15 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 36@18 | DFT_QPSK   | 23.20 | -4.65 | 16.40 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | DFT_QPSK   | 22.93 | -4.65 | 16.13 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | DFT_QPSK   | 22.96 | -4.65 | 16.16 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 36@18 | DFT_QAM16  | 22.10 | -4.65 | 15.30 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | DFT_QAM16  | 21.99 | -4.65 | 15.19 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | DFT_QAM16  | 21.95 | -4.65 | 15.15 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 36@18 | DFT_QAM64  | 20.70 | -4.65 | 13.90 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | DFT_QAM64  | 20.70 | -4.65 | 13.90 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | DFT_QAM64  | 20.63 | -4.65 | 13.83 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 36@18 | DFT_QAM256 | 18.67 | -4.65 | 11.87 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | DFT_QAM256 | 18.84 | -4.65 | 12.04 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | DFT_QAM256 | 18.84 | -4.65 | 12.04 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 39@19 | CP_QPSK    | 21.66 | -4.65 | 14.86 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | CP_QPSK    | 21.57 | -4.65 | 14.77 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | CP_QPSK    | 21.51 | -4.65 | 14.71 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 39@19 | CP_QAM16   | 21.22 | -4.65 | 14.42 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | CP_QAM16   | 21.32 | -4.65 | 14.52 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | CP_QAM16   | 21.23 | -4.65 | 14.43 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 39@19 | CP_QAM64   | 19.65 | -4.65 | 12.85 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | CP_QAM64   | 19.87 | -4.65 | 13.07 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | CP_QAM64   | 19.85 | -4.65 | 13.05 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 39@19 | CP_QAM256  | 16.61 | -4.65 | 9.81  | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@1   | CP_QAM256  | 17.00 | -4.65 | 10.20 | 34.77 | PASS |
| n12 | 15 | 15 | 141700 | 1@77  | CP_QAM256  | 16.99 | -4.65 | 10.19 | 34.77 | PASS |

## 2 Frequency stability for NR FR1

**NT:**

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Voltage (Vdc) | Result(Hz) | Result (ppm) | Limit (ppm)                          | Verdict |
|------|-----------|-----------------|------------|---------------|------------|---------------|------------|--------------|--------------------------------------|---------|
| n12  | 15        | 15              | 141500     | 50@25         | DFT_BPSK   | 3.87          | -3.24      | 0.00         | Within authorized band for 5G NR n12 | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_BPSK   | 3.45          | -3.10      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_BPSK   | 4.45          | -2.47      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_QPSK   | 3.87          | -3.34      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_QPSK   | 3.45          | -4.68      | -0.01        |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_QPSK   | 4.45          | -4.54      | -0.01        |                                      | PASS    |

Note: Only the worst case shown in the report.

**NV:**

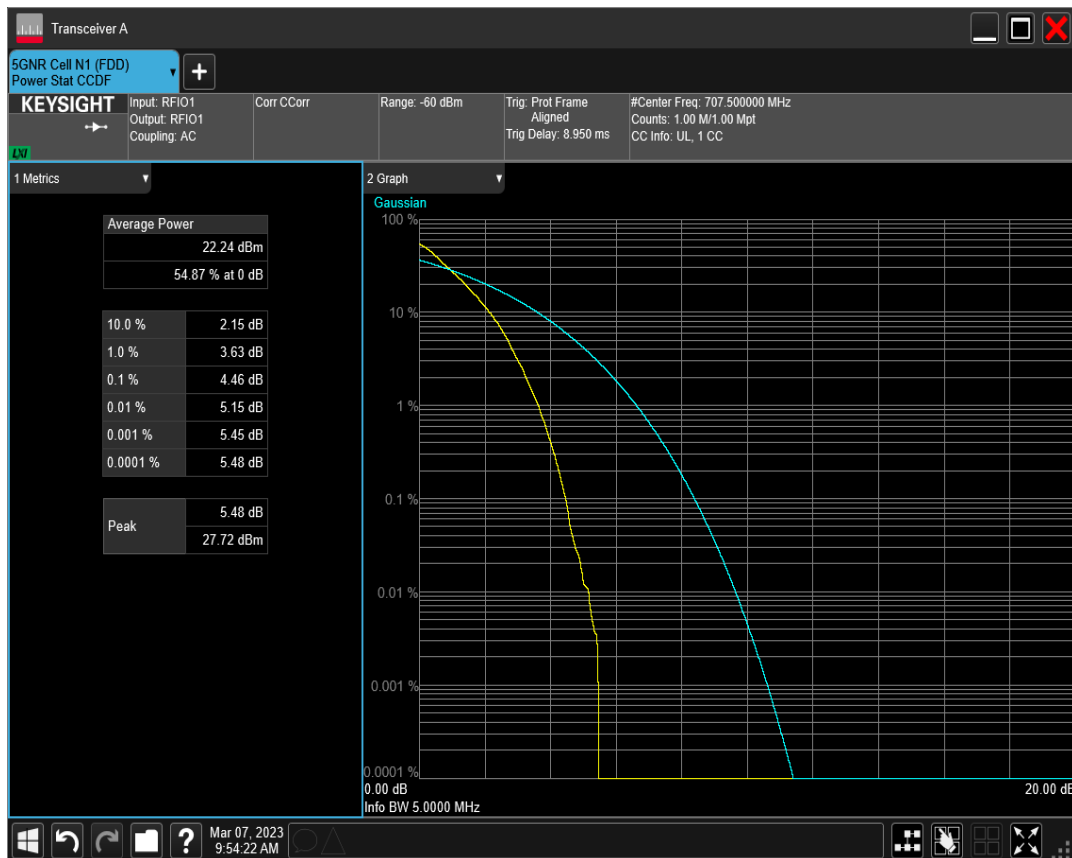
| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Temperature(°C) | Result(Hz) | Result (ppm) | Limit (ppm)                          | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-----------------|------------|--------------|--------------------------------------|---------|
| n12  | 15        | 15              | 141500     | 50@25         | DFT_BPSK   | -30             | -2.77      | 0.00         | Within authorized band for 5G NR n12 | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_BPSK   | -20             | -3.18      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_BPSK   | -10             | -2.08      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_BPSK   | 0               | -2.95      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_BPSK   | 10              | -4.94      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_BPSK   | 20              | -4.31      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_BPSK   | 30              | -3.71      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_BPSK   | 40              | -2.93      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_BPSK   | 50              | -2.49      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_QPSK   | -30             | -2.78      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_QPSK   | -20             | -3.06      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_QPSK   | -10             | -2.63      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_QPSK   | 0               | -2.81      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_QPSK   | 10              | -3.72      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_QPSK   | 20              | -5.15      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_QPSK   | 30              | -4.31      | 0.00         |                                      | PASS    |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_QPSK   | 40              | -3.78      | 0.00         | PASS                                 |         |
| n12  | 15        | 15              | 141500     | 50@25         | DFT_QPSK   | 50              | -2.25      | 0.00         | PASS                                 |         |

Note: Only the worst case shown in the report.

### 3 Peak-to-Average Ratio for NR FR1

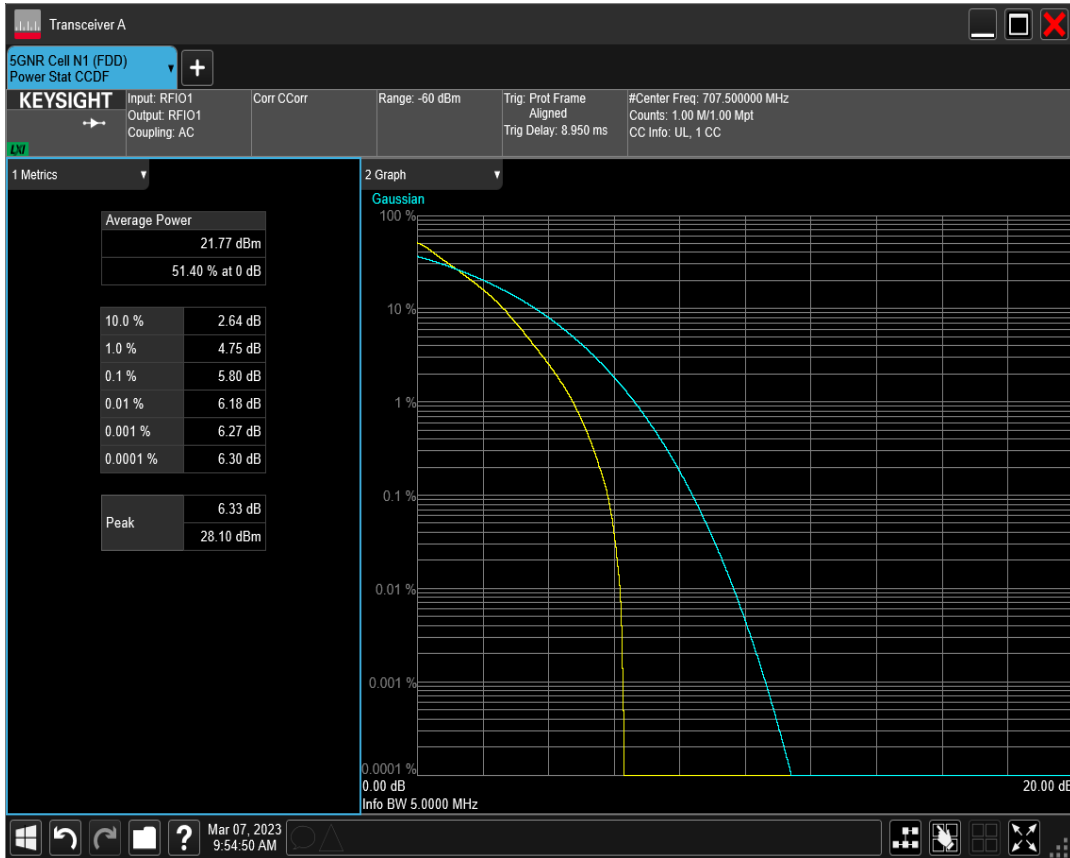
| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Result (dB) | high Limit (dB) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-------------|-----------------|---------|
| n12  | 15        | 5               | 141500     | 25@0          | DFT_BPSK   | 4.46        | 13              | PASS    |
| n12  | 15        | 5               | 141500     | 25@0          | DFT_QPSK   | 5.80        | 13              | PASS    |
| n12  | 15        | 5               | 141500     | 25@0          | DFT_QAM16  | 6.62        | 13              | PASS    |
| n12  | 15        | 5               | 141500     | 25@0          | DFT_QAM64  | 6.90        | 13              | PASS    |
| n12  | 15        | 5               | 141500     | 25@0          | DFT_QAM256 | 6.93        | 13              | PASS    |
| n12  | 15        | 10              | 141500     | 50@0          | DFT_BPSK   | 4.58        | 13              | PASS    |
| n12  | 15        | 10              | 141500     | 50@0          | DFT_QPSK   | 5.77        | 13              | PASS    |
| n12  | 15        | 10              | 141500     | 50@0          | DFT_QAM16  | 6.56        | 13              | PASS    |
| n12  | 15        | 10              | 141500     | 50@0          | DFT_QAM64  | 6.90        | 13              | PASS    |
| n12  | 15        | 10              | 141500     | 50@0          | DFT_QAM256 | 7.20        | 13              | PASS    |
| n12  | 15        | 15              | 141500     | 75@0          | DFT_BPSK   | 4.63        | 13              | PASS    |
| n12  | 15        | 15              | 141500     | 75@0          | DFT_QPSK   | 5.83        | 13              | PASS    |
| n12  | 15        | 15              | 141500     | 75@0          | DFT_QAM16  | 6.50        | 13              | PASS    |
| n12  | 15        | 15              | 141500     | 75@0          | DFT_QAM64  | 6.63        | 13              | PASS    |
| n12  | 15        | 15              | 141500     | 75@0          | DFT_QAM256 | 7.21        | 13              | PASS    |

n12 SCS=15kHz DFT\_BPSK BW=5MHz Channel=141500 RB=25@0

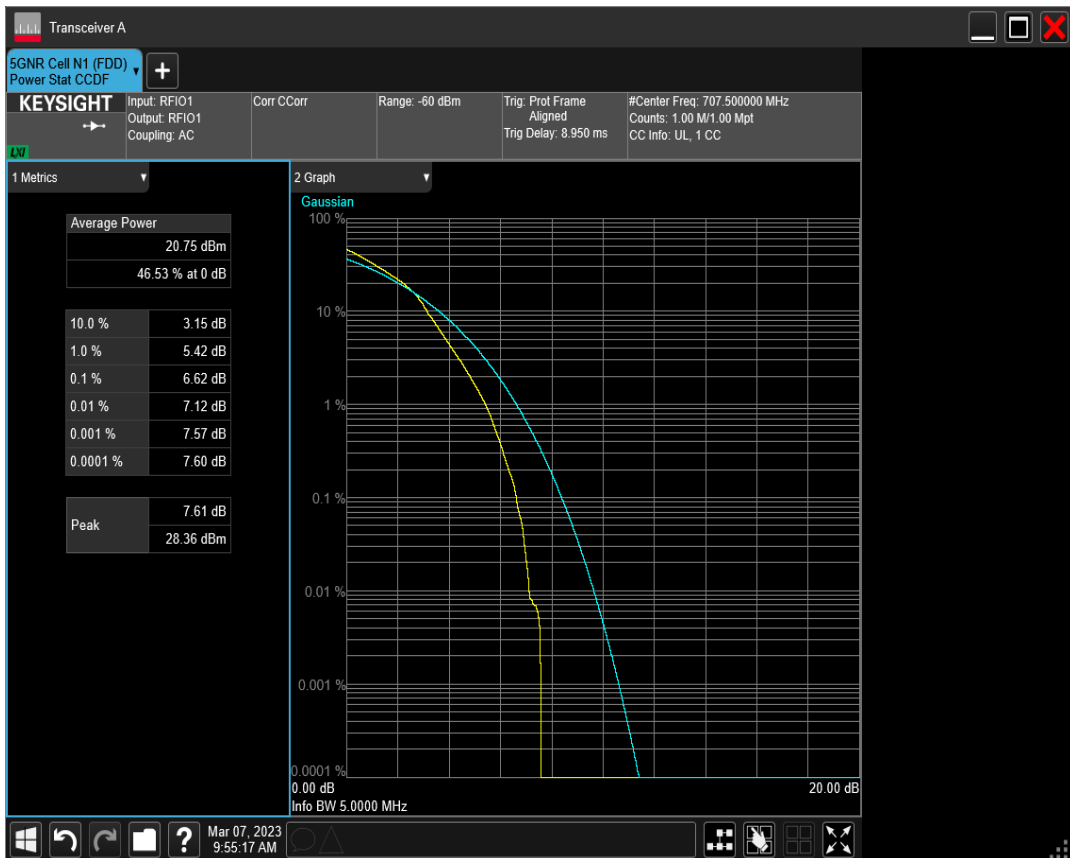


n12 SCS=15kHz DFT\_QPSK BW=5MHz Channel=141500 RB=25@0

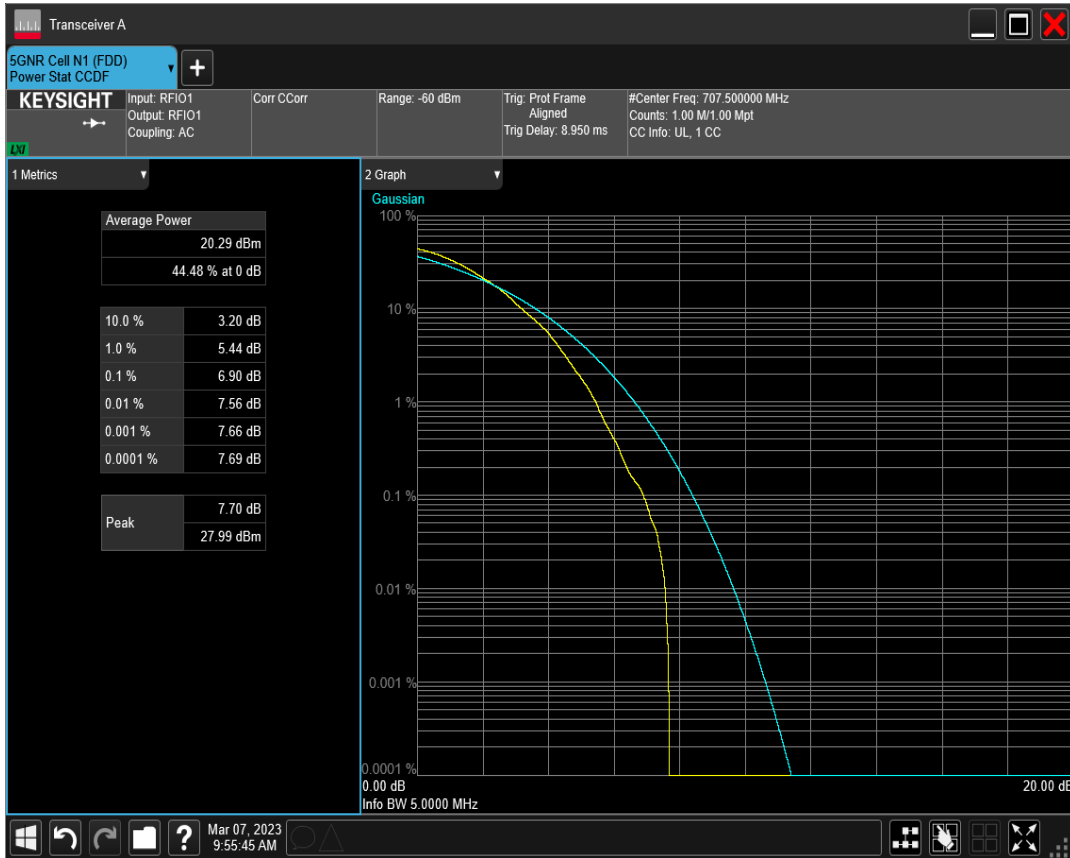




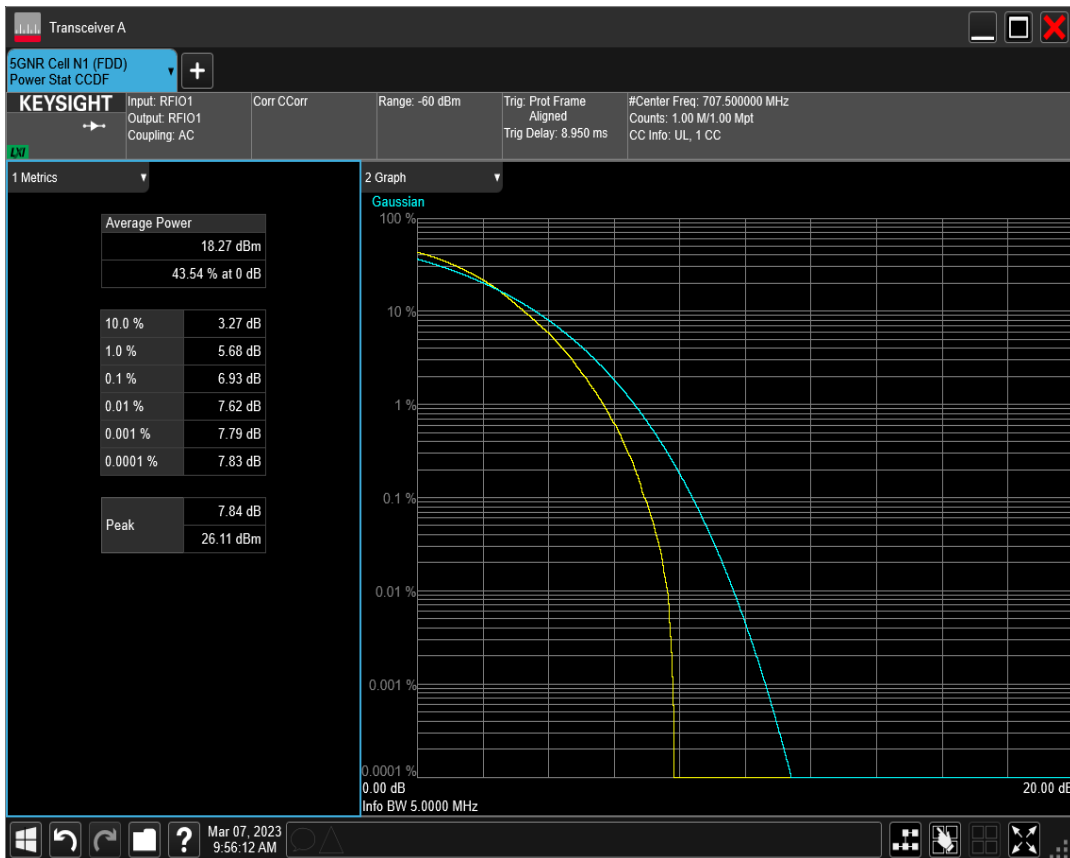
n12 SCS=15kHz DFT\_QAM16 BW=5MHz Channel=141500 RB=25@0



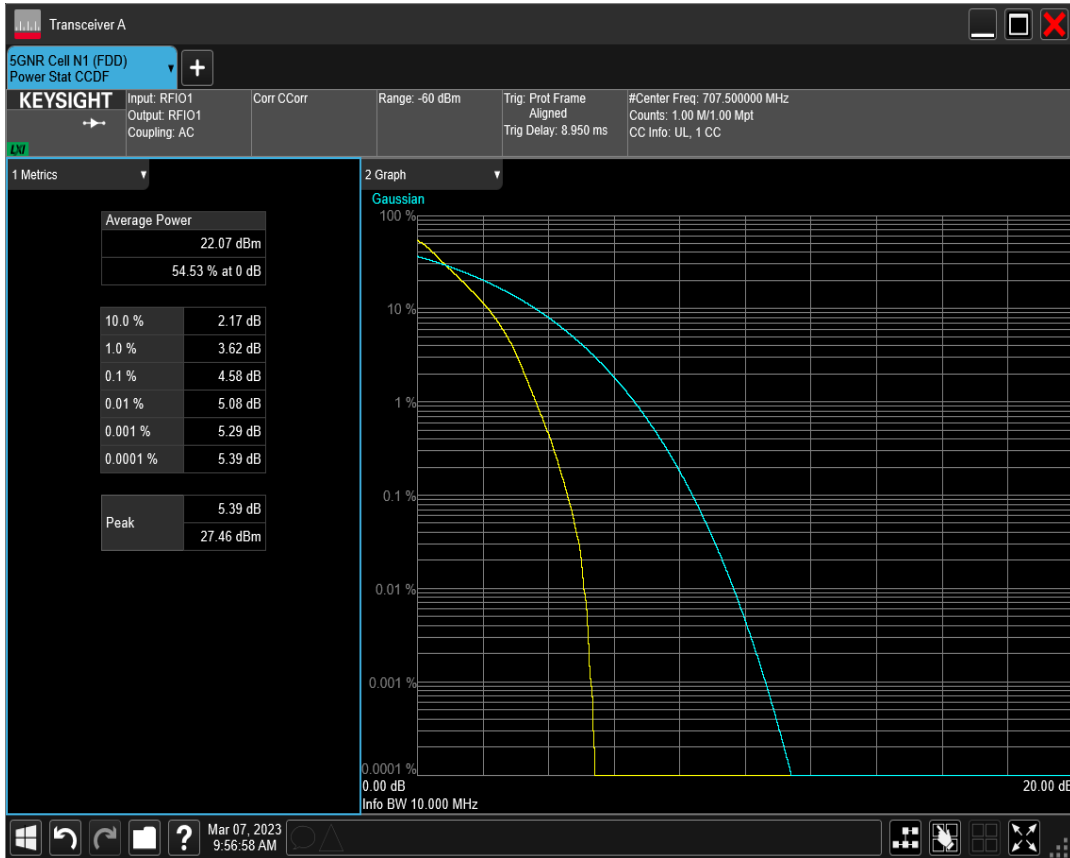
n12 SCS=15kHz DFT\_QAM64 BW=5MHz Channel=141500 RB=25@0



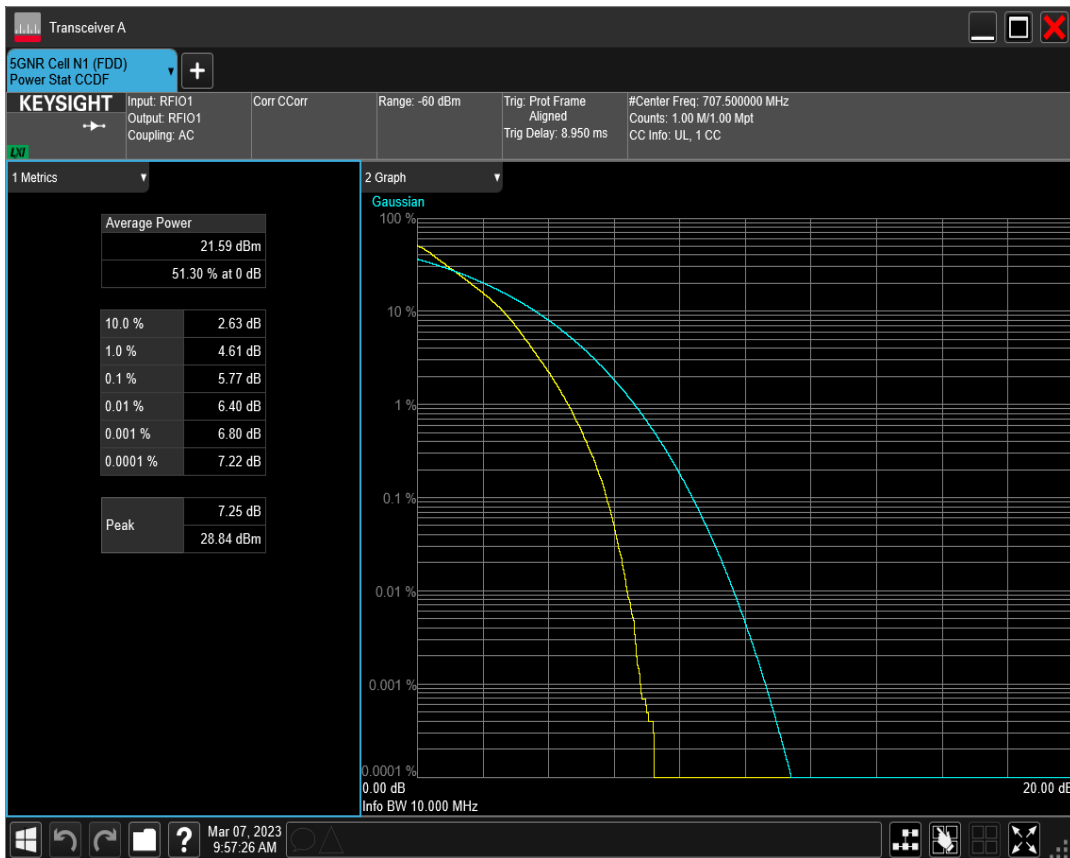
n12 SCS=15kHz DFT\_QAM256 BW=5MHz Channel=141500 RB=25@0



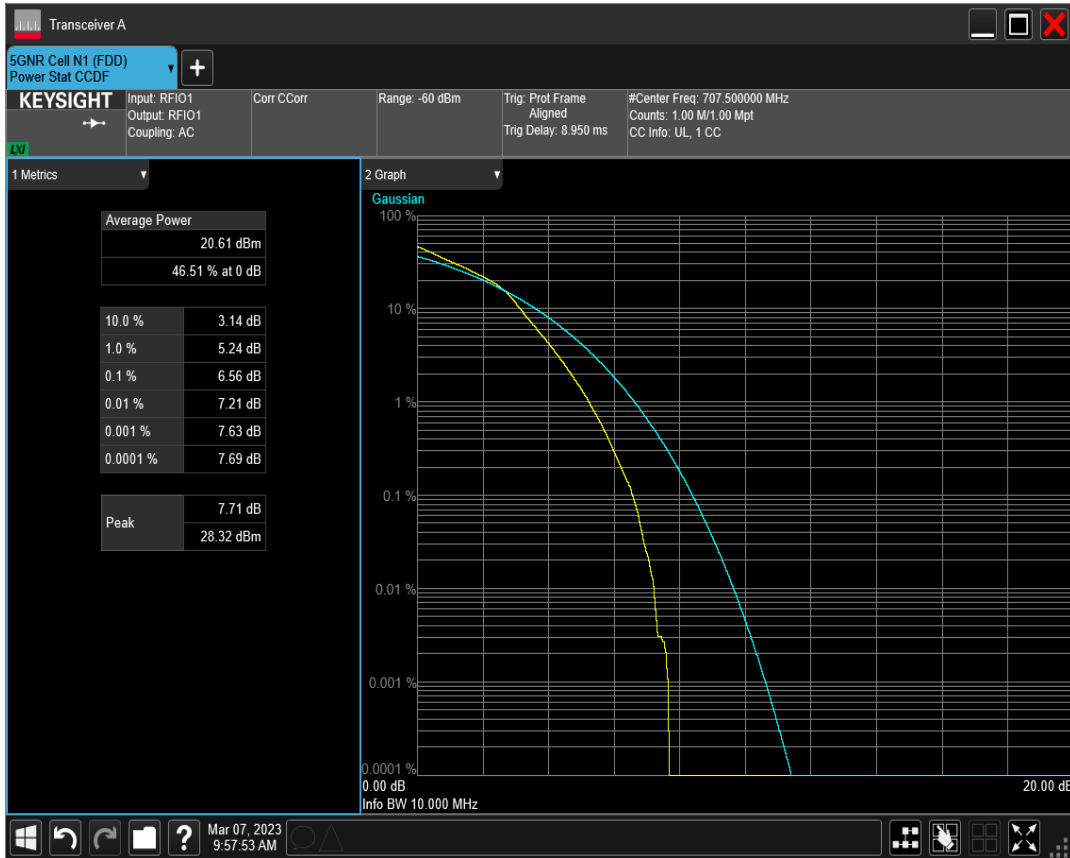
n12 SCS=15kHz DFT\_BPSK BW=10MHz Channel=141500 RB=50@0



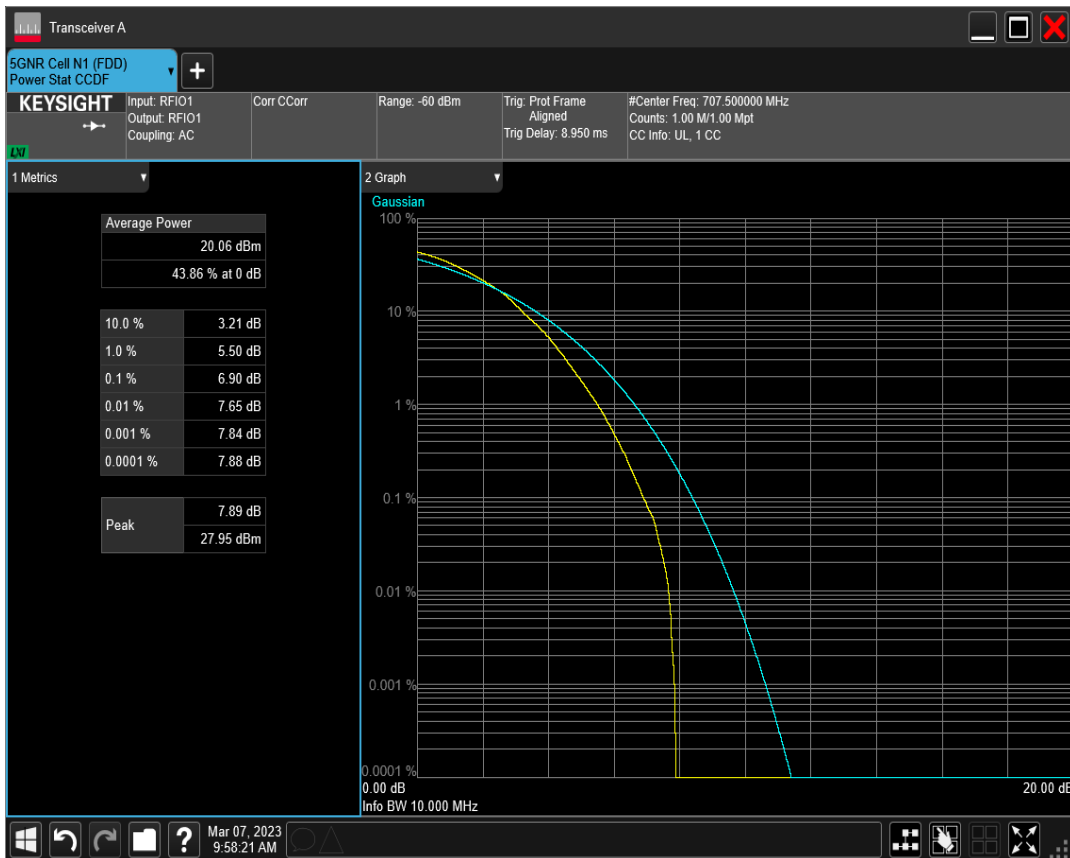
n12 SCS=15kHz DFT\_QPSK BW=10MHz Channel=141500 RB=50@0



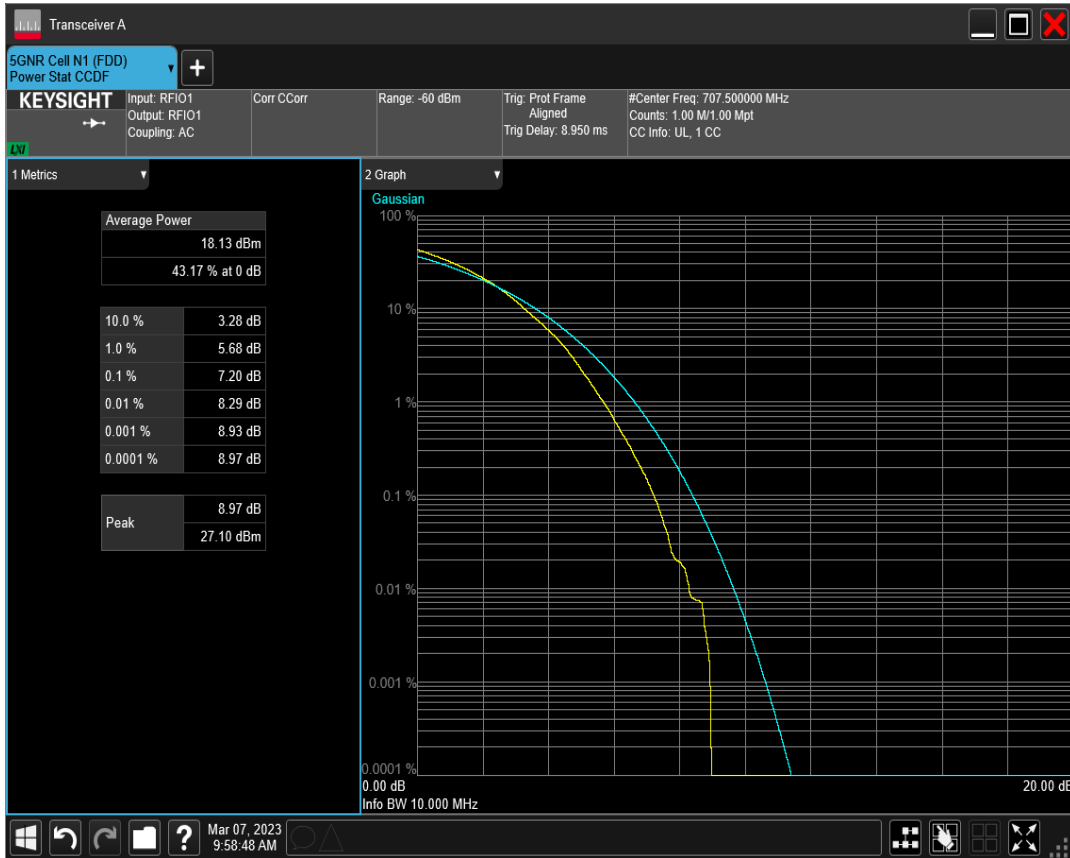
n12 SCS=15kHz DFT\_QAM16 BW=10MHz Channel=141500 RB=50@0



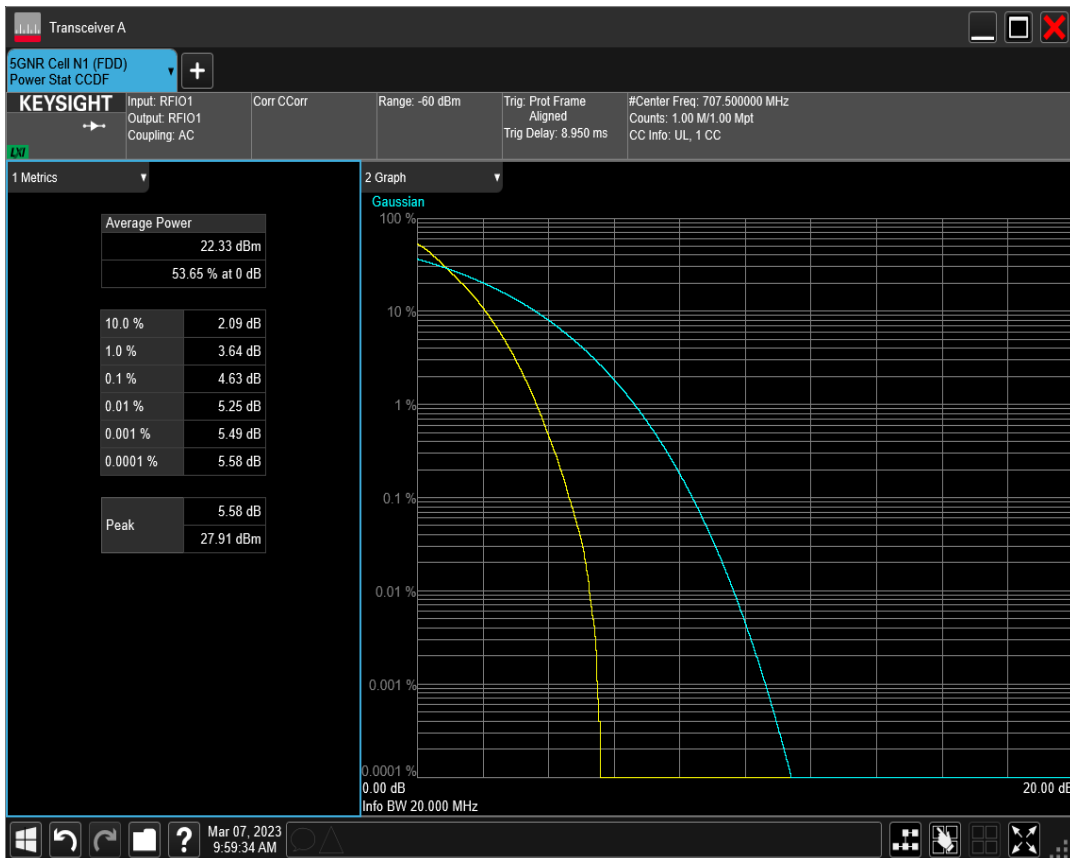
n12 SCS=15kHz DFT\_QAM64 BW=10MHz Channel=141500 RB=50@0



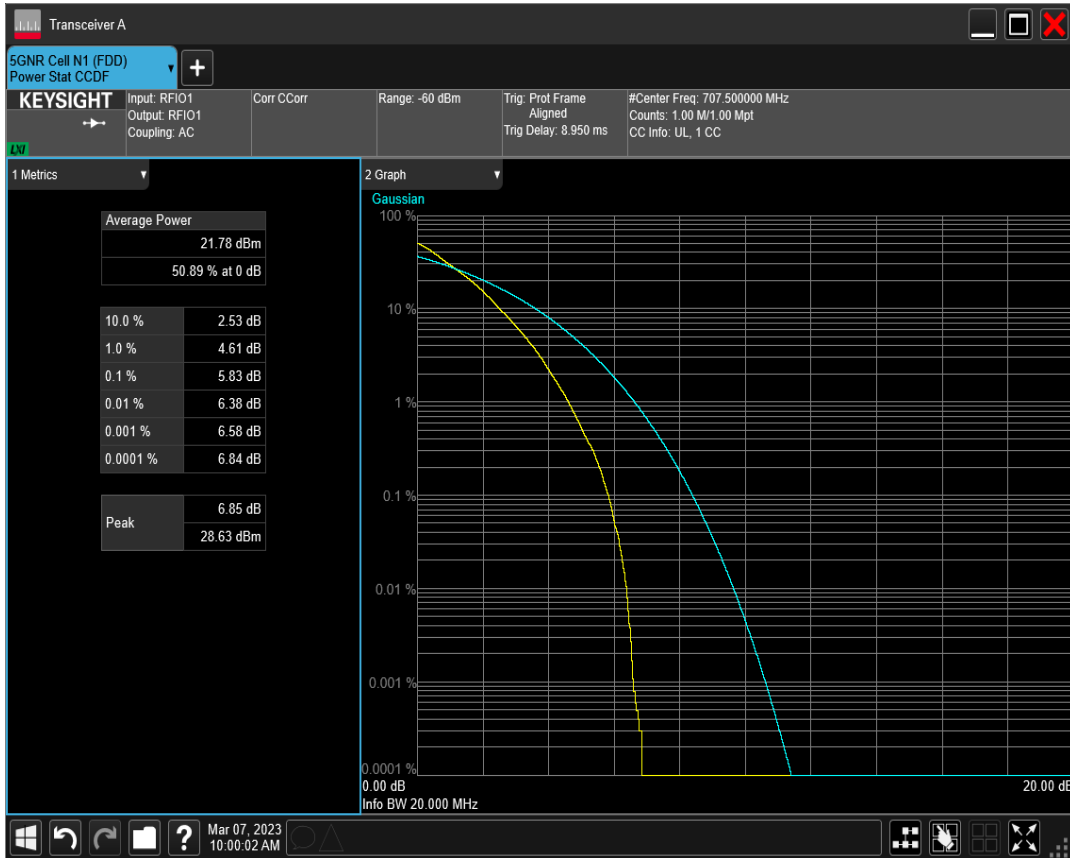
n12 SCS=15kHz DFT\_QAM256 BW=10MHz Channel=141500 RB=50@0



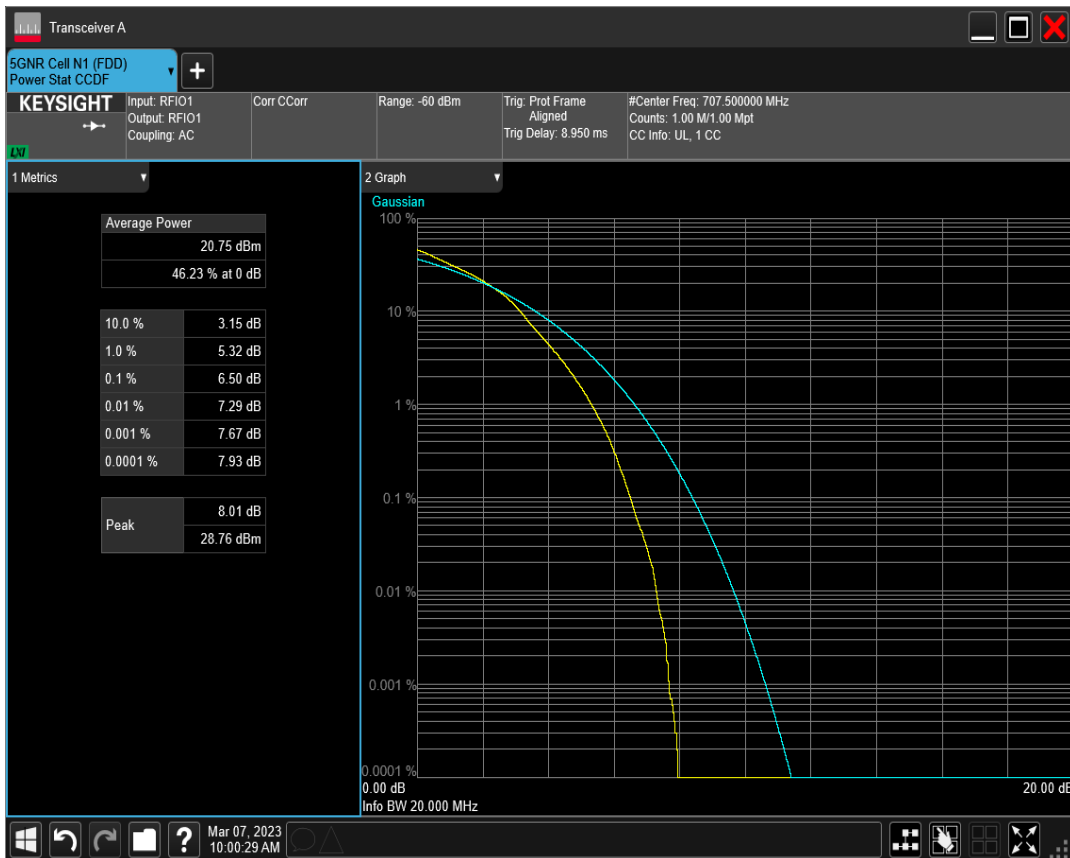
n12 SCS=15kHz DFT\_BPSK BW=15MHz Channel=141500 RB=75@0



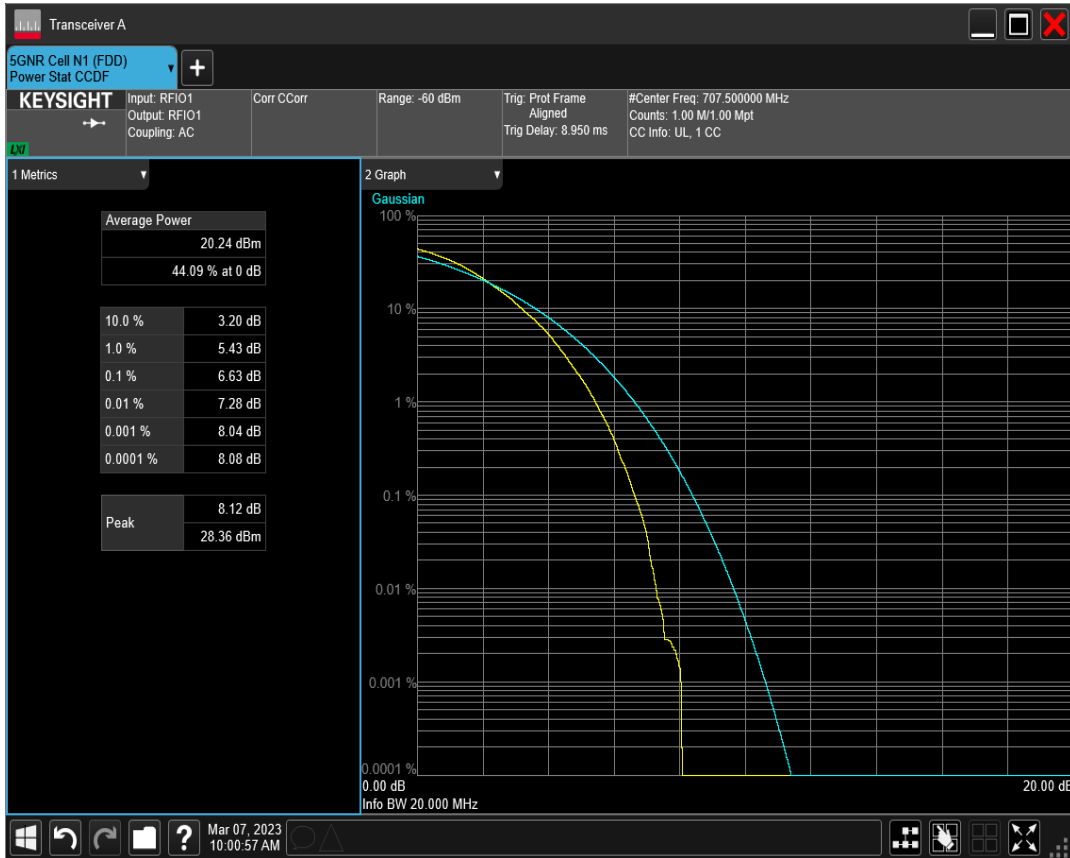
n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141500 RB=75@0



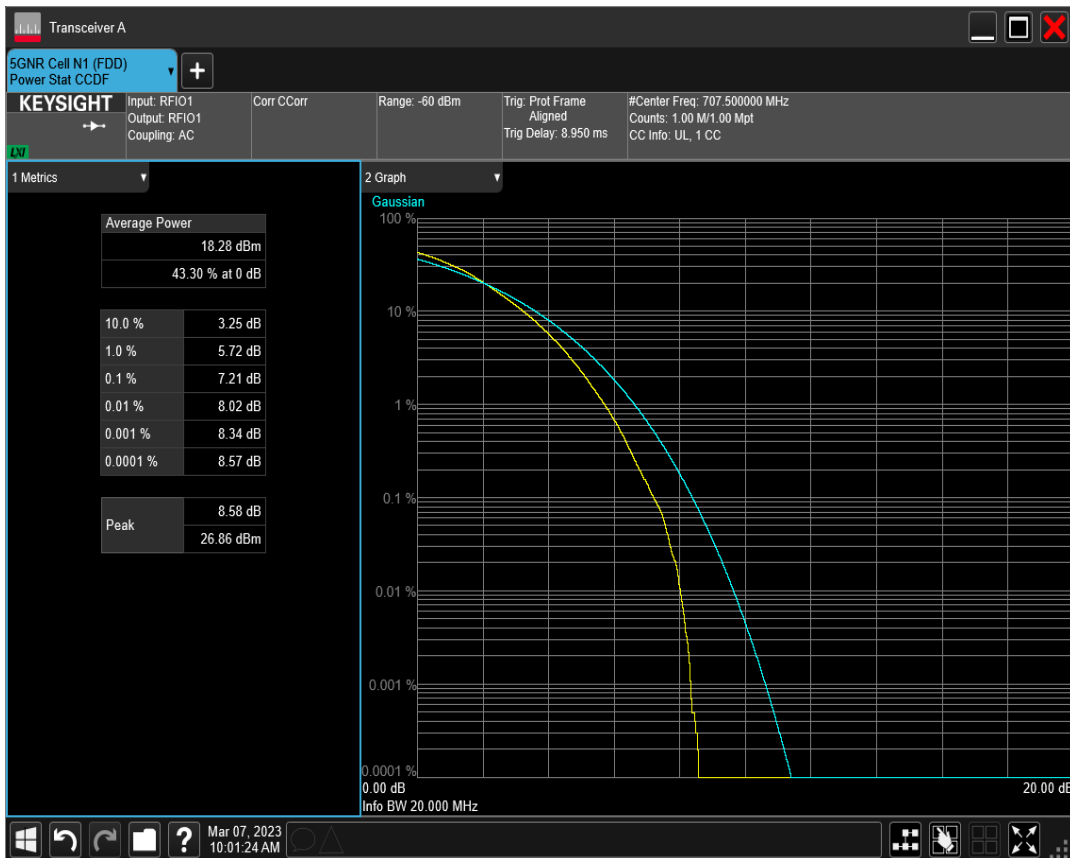
n12 SCS=15kHz DFT\_QAM16 BW=15MHz Channel=141500 RB=75@0



n12 SCS=15kHz DFT\_QAM64 BW=15MHz Channel=141500 RB=75@0



n12 SCS=15kHz DFT\_QAM256 BW=15MHz Channel=141500 RB=75@0



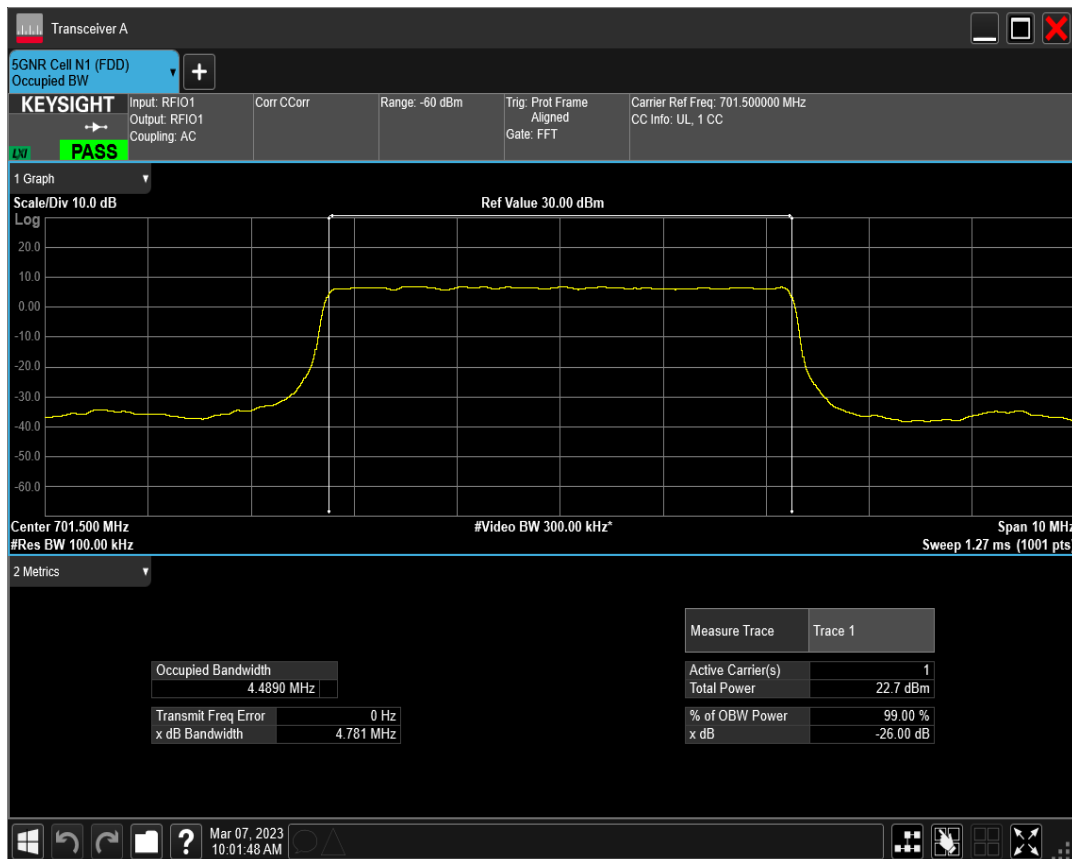
## 4 Occupied bandwidth for NR FR1

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | 99% OBW (MHz) | -26dB EBW (MHz) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|---------------|-----------------|---------|
| n12  | 15        | 5               | 140300     | 25@0          | DFT_BPSK   | 4.490         | 4.780           | PASS    |
| n12  | 15        | 5               | 140300     | 25@0          | DFT_QPSK   | 4.490         | 4.770           | PASS    |
| n12  | 15        | 5               | 140300     | 25@0          | DFT_QAM16  | 4.490         | 4.780           | PASS    |
| n12  | 15        | 5               | 140300     | 25@0          | DFT_QAM64  | 4.490         | 4.770           | PASS    |
| n12  | 15        | 5               | 140300     | 25@0          | DFT_QAM256 | 4.490         | 4.770           | PASS    |
| n12  | 15        | 5               | 140300     | 25@0          | CP_QPSK    | 4.490         | 4.790           | PASS    |
| n12  | 15        | 5               | 141500     | 25@0          | DFT_BPSK   | 4.490         | 4.770           | PASS    |
| n12  | 15        | 5               | 141500     | 25@0          | DFT_QPSK   | 4.500         | 4.770           | PASS    |
| n12  | 15        | 5               | 141500     | 25@0          | DFT_QAM16  | 4.480         | 4.750           | PASS    |
| n12  | 15        | 5               | 141500     | 25@0          | DFT_QAM64  | 4.490         | 4.770           | PASS    |
| n12  | 15        | 5               | 141500     | 25@0          | DFT_QAM256 | 4.490         | 4.750           | PASS    |
| n12  | 15        | 5               | 141500     | 25@0          | CP_QPSK    | 4.490         | 4.790           | PASS    |
| n12  | 15        | 5               | 142700     | 25@0          | DFT_BPSK   | 4.490         | 4.770           | PASS    |
| n12  | 15        | 5               | 142700     | 25@0          | DFT_QPSK   | 4.480         | 4.760           | PASS    |
| n12  | 15        | 5               | 142700     | 25@0          | DFT_QAM16  | 4.490         | 4.760           | PASS    |
| n12  | 15        | 5               | 142700     | 25@0          | DFT_QAM64  | 4.490         | 4.760           | PASS    |
| n12  | 15        | 5               | 142700     | 25@0          | DFT_QAM256 | 4.490         | 4.760           | PASS    |
| n12  | 15        | 5               | 142700     | 25@0          | CP_QPSK    | 4.490         | 4.750           | PASS    |
| n12  | 15        | 10              | 140800     | 50@0          | DFT_BPSK   | 9.220         | 9.480           | PASS    |
| n12  | 15        | 10              | 140800     | 50@0          | DFT_QPSK   | 9.240         | 9.480           | PASS    |
| n12  | 15        | 10              | 140800     | 50@0          | DFT_QAM16  | 9.200         | 9.480           | PASS    |
| n12  | 15        | 10              | 140800     | 50@0          | DFT_QAM64  | 9.180         | 9.460           | PASS    |
| n12  | 15        | 10              | 140800     | 50@0          | DFT_QAM256 | 9.210         | 9.480           | PASS    |
| n12  | 15        | 10              | 140800     | 52@0          | CP_QPSK    | 9.320         | 9.840           | PASS    |
| n12  | 15        | 10              | 141500     | 50@0          | DFT_BPSK   | 9.210         | 9.480           | PASS    |
| n12  | 15        | 10              | 141500     | 50@0          | DFT_QPSK   | 9.220         | 9.470           | PASS    |
| n12  | 15        | 10              | 141500     | 50@0          | DFT_QAM16  | 9.210         | 9.470           | PASS    |
| n12  | 15        | 10              | 141500     | 50@0          | DFT_QAM64  | 9.220         | 9.480           | PASS    |
| n12  | 15        | 10              | 141500     | 50@0          | DFT_QAM256 | 9.240         | 9.490           | PASS    |
| n12  | 15        | 10              | 141500     | 52@0          | CP_QPSK    | 9.320         | 9.830           | PASS    |
| n12  | 15        | 10              | 142200     | 50@0          | DFT_BPSK   | 9.220         | 9.480           | PASS    |
| n12  | 15        | 10              | 142200     | 50@0          | DFT_QPSK   | 9.260         | 9.470           | PASS    |
| n12  | 15        | 10              | 142200     | 50@0          | DFT_QAM16  | 9.220         | 9.470           | PASS    |
| n12  | 15        | 10              | 142200     | 50@0          | DFT_QAM64  | 9.210         | 9.460           | PASS    |
| n12  | 15        | 10              | 142200     | 50@0          | DFT_QAM256 | 9.260         | 9.490           | PASS    |
| n12  | 15        | 10              | 142200     | 52@0          | CP_QPSK    | 9.330         | 9.830           | PASS    |
| n12  | 15        | 15              | 141300     | 75@0          | DFT_BPSK   | 13.990        | 14.190          | PASS    |
| n12  | 15        | 15              | 141300     | 75@0          | DFT_QPSK   | 14.000        | 14.210          | PASS    |
| n12  | 15        | 15              | 141300     | 75@0          | DFT_QAM16  | 14.000        | 14.200          | PASS    |



|     |    |    |        |      |            |        |        |      |
|-----|----|----|--------|------|------------|--------|--------|------|
| n12 | 15 | 15 | 141300 | 75@0 | DFT_QAM64  | 14.010 | 14.200 | PASS |
| n12 | 15 | 15 | 141300 | 75@0 | DFT_QAM256 | 14.010 | 14.190 | PASS |
| n12 | 15 | 15 | 141300 | 79@0 | CP_QPSK    | 14.160 | 14.920 | PASS |
| n12 | 15 | 15 | 141500 | 75@0 | DFT_BPSK   | 14.040 | 14.200 | PASS |
| n12 | 15 | 15 | 141500 | 75@0 | DFT_QPSK   | 14.000 | 14.200 | PASS |
| n12 | 15 | 15 | 141500 | 75@0 | DFT_QAM16  | 14.050 | 14.190 | PASS |
| n12 | 15 | 15 | 141500 | 75@0 | DFT_QAM64  | 14.010 | 14.200 | PASS |
| n12 | 15 | 15 | 141500 | 75@0 | DFT_QAM256 | 13.990 | 14.180 | PASS |
| n12 | 15 | 15 | 141500 | 79@0 | CP_QPSK    | 14.160 | 14.930 | PASS |
| n12 | 15 | 15 | 141700 | 75@0 | DFT_BPSK   | 14.050 | 14.200 | PASS |
| n12 | 15 | 15 | 141700 | 75@0 | DFT_QPSK   | 14.010 | 14.190 | PASS |
| n12 | 15 | 15 | 141700 | 75@0 | DFT_QAM16  | 14.010 | 14.190 | PASS |
| n12 | 15 | 15 | 141700 | 75@0 | DFT_QAM64  | 14.050 | 14.190 | PASS |
| n12 | 15 | 15 | 141700 | 75@0 | DFT_QAM256 | 14.000 | 14.190 | PASS |
| n12 | 15 | 15 | 141700 | 79@0 | CP_QPSK    | 14.160 | 14.920 | PASS |

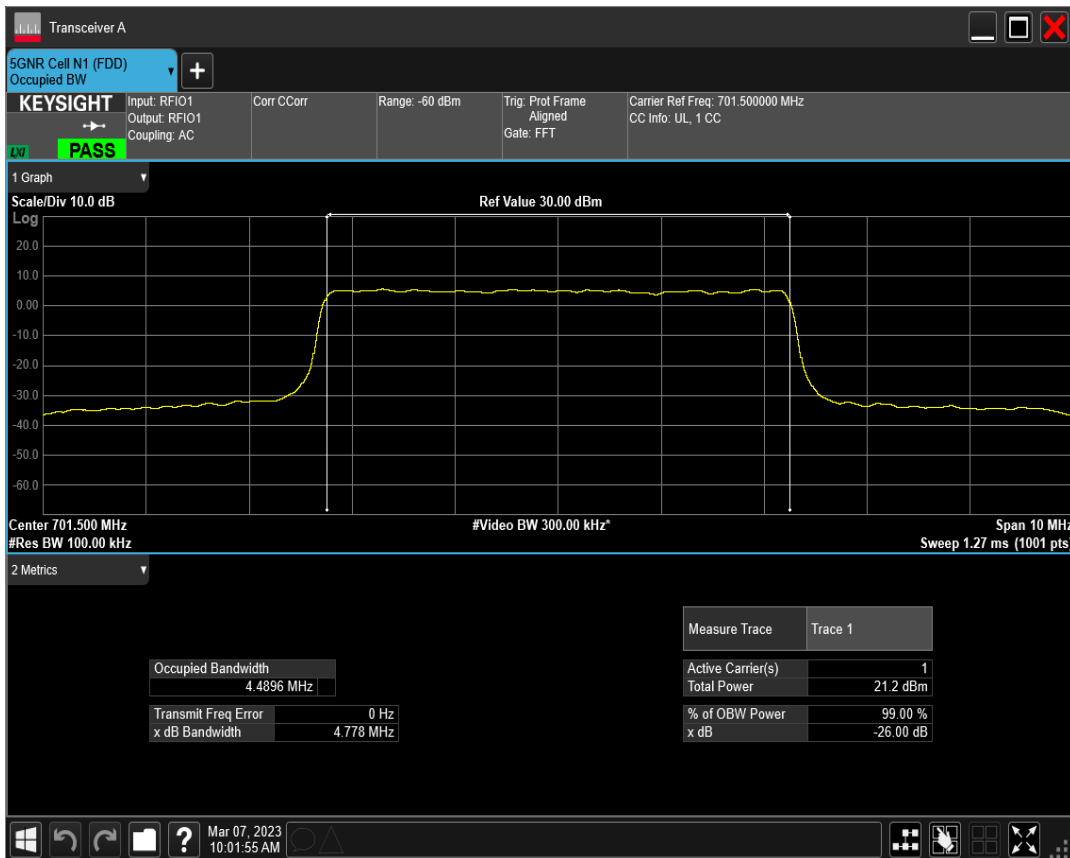
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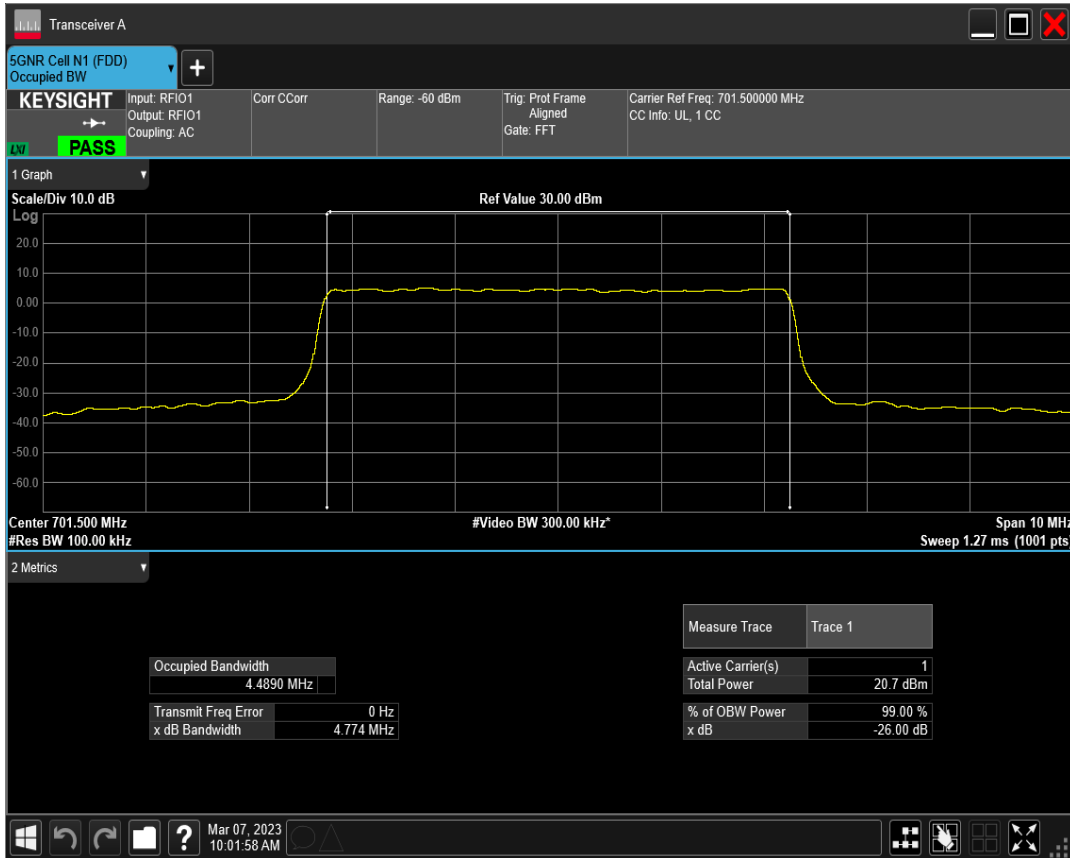
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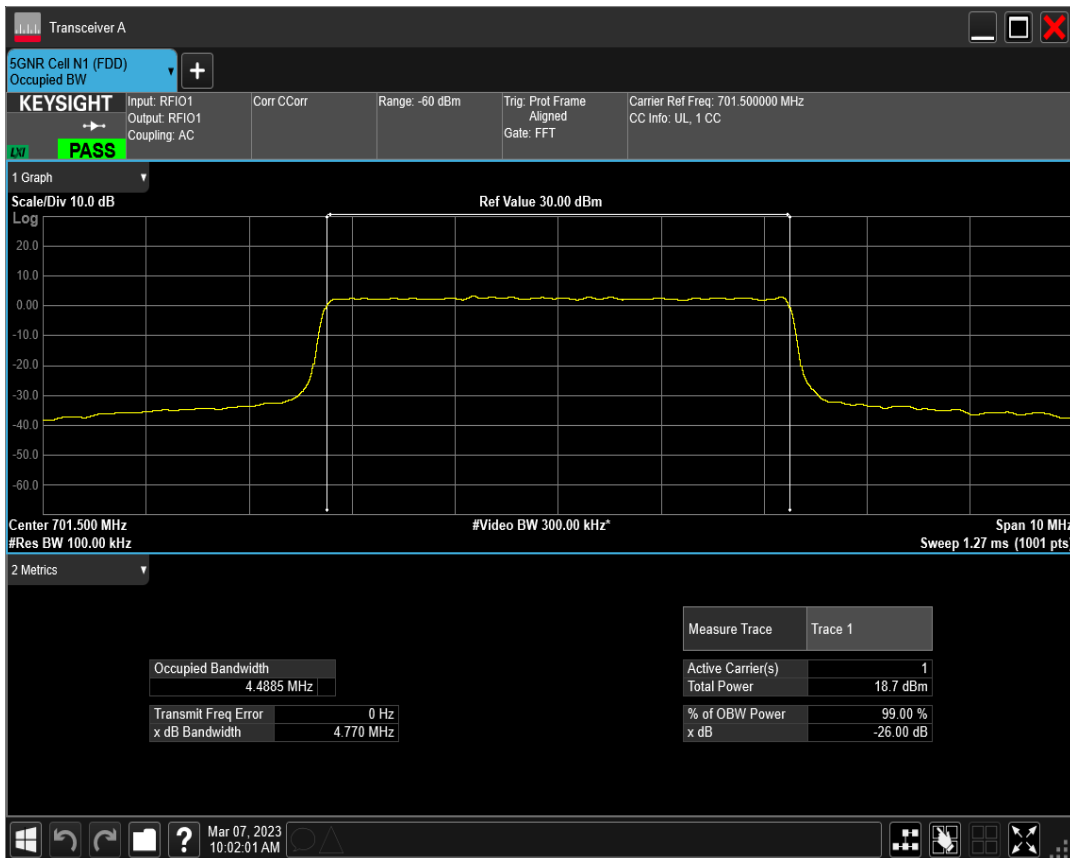
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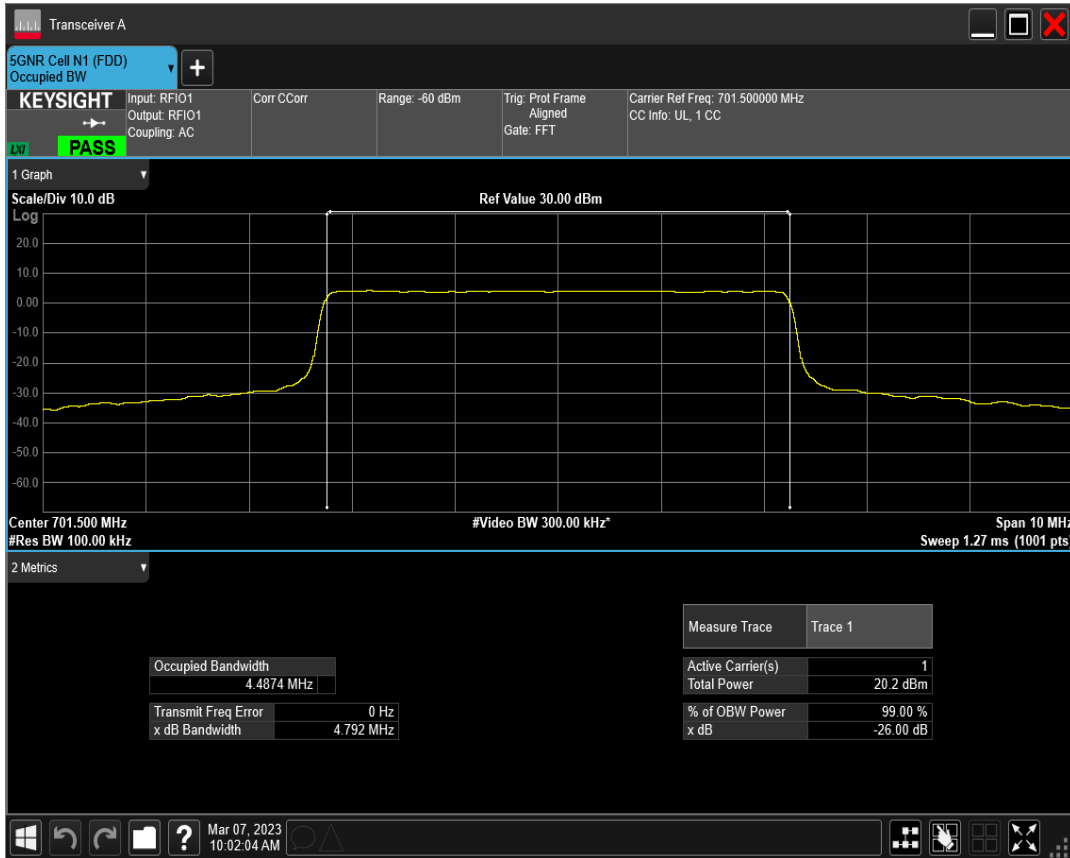
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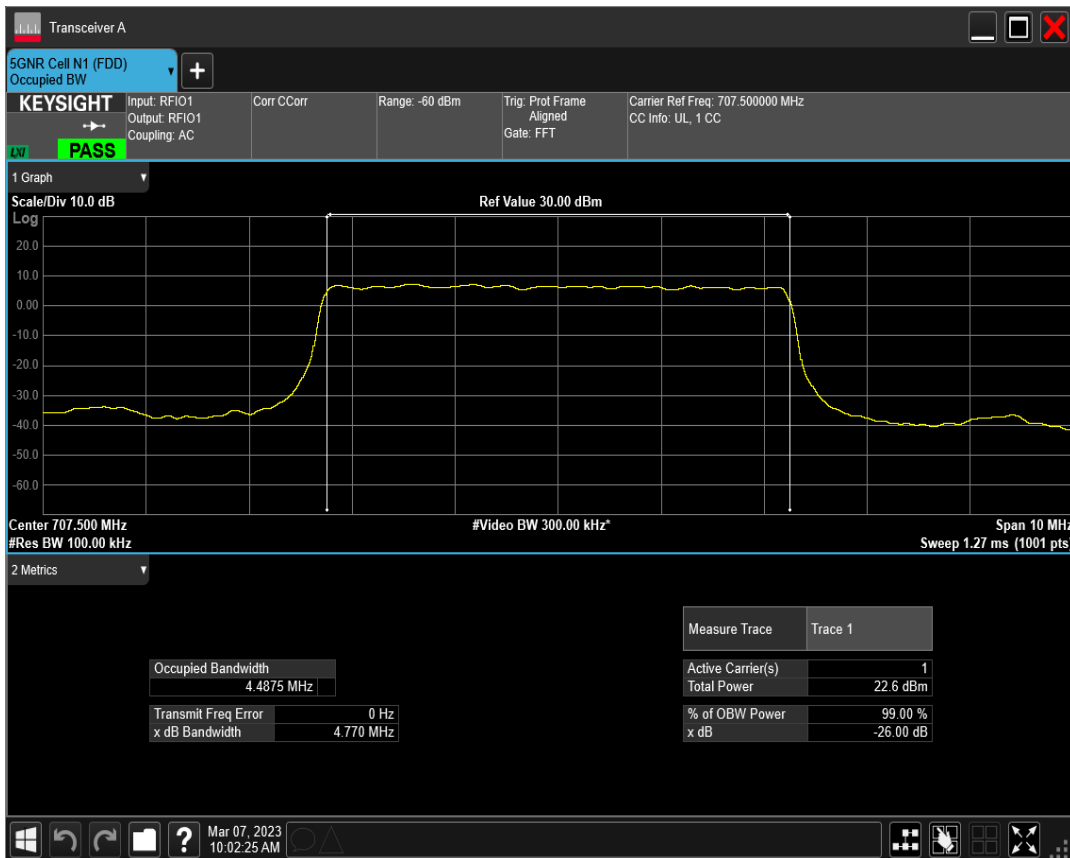
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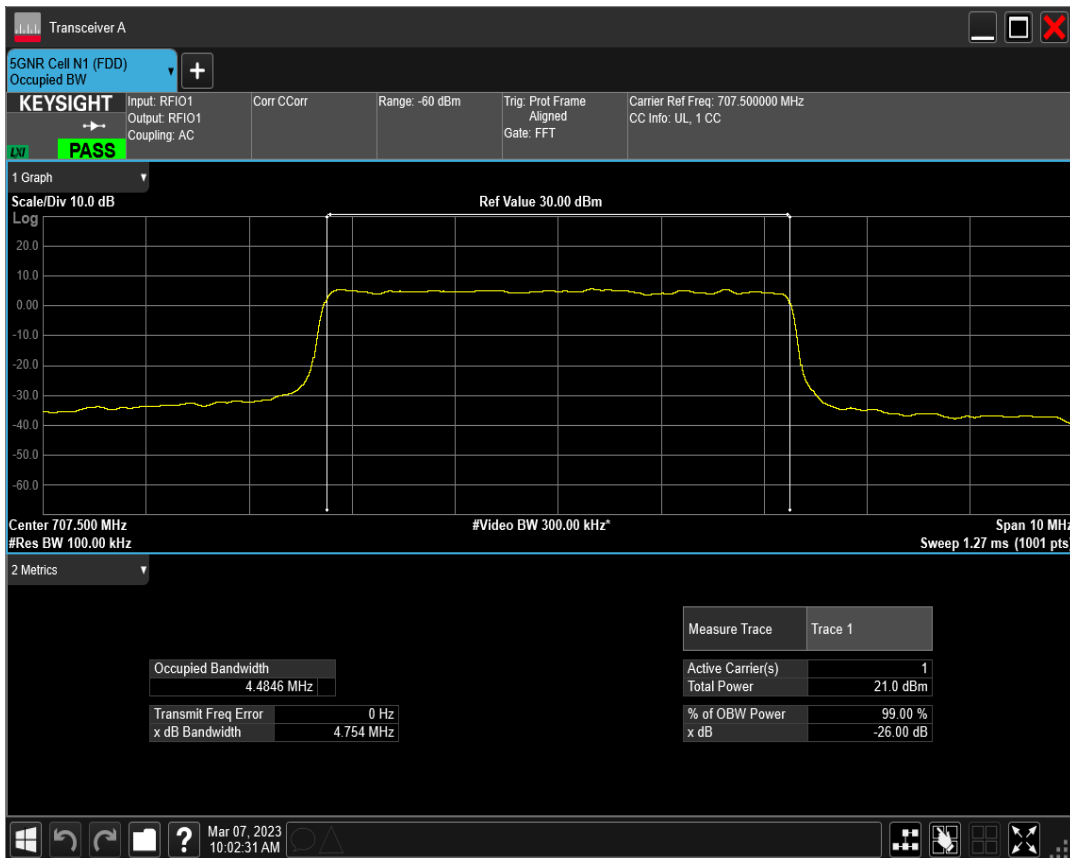
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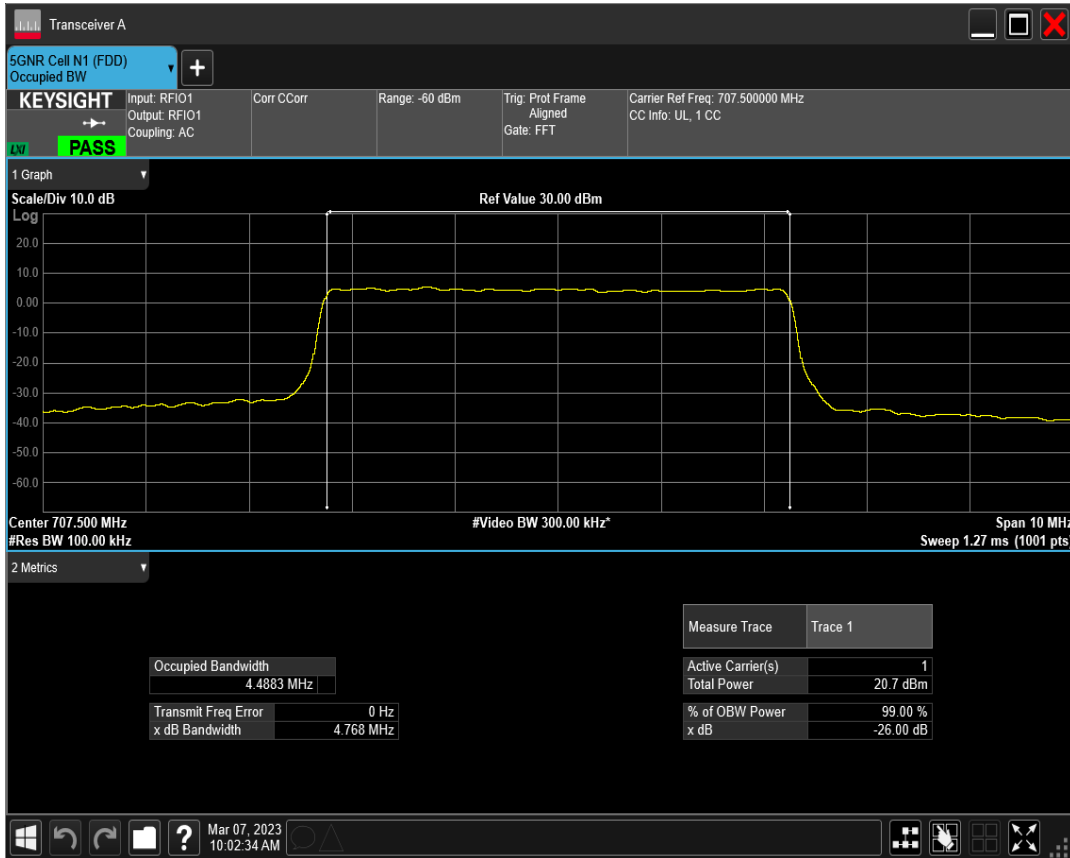
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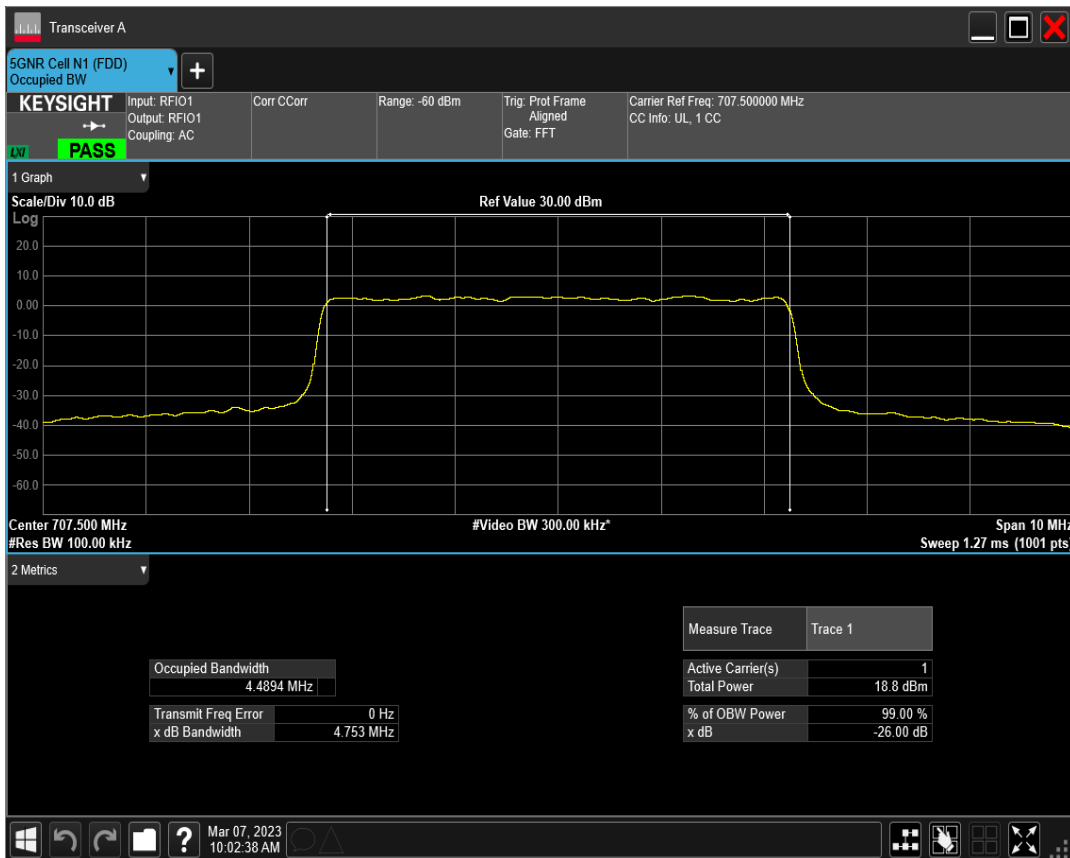
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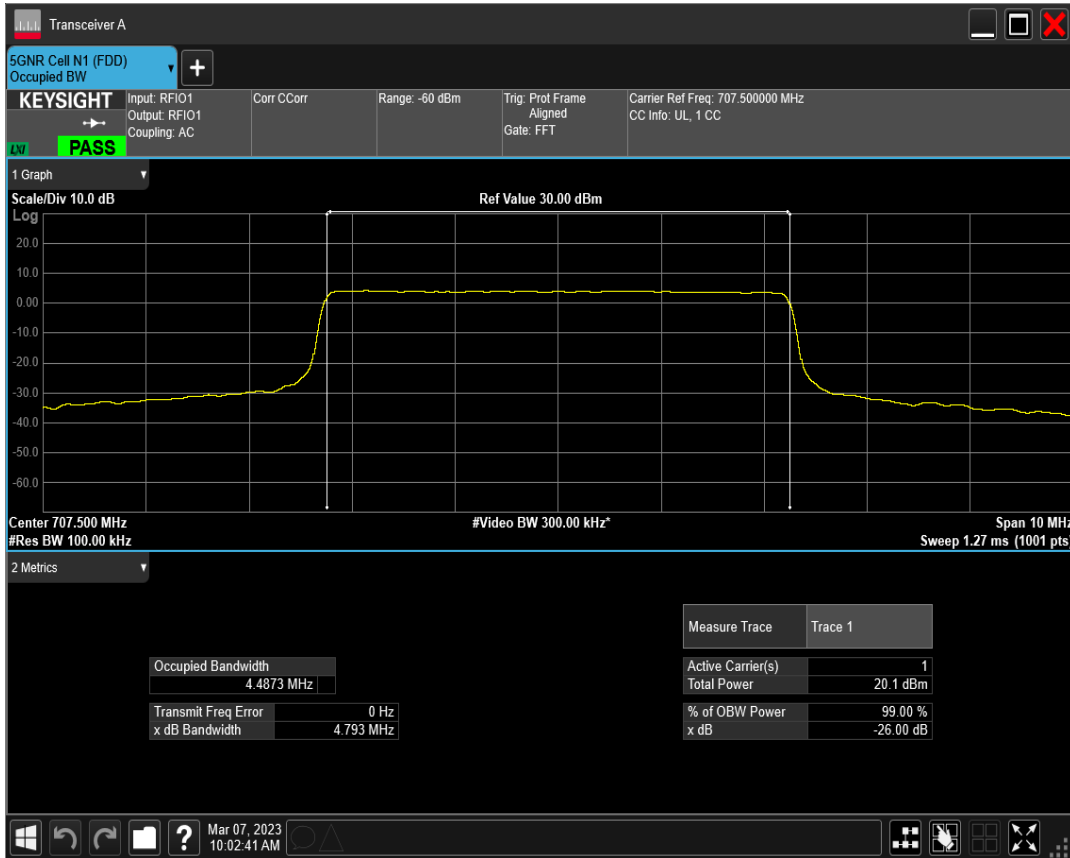
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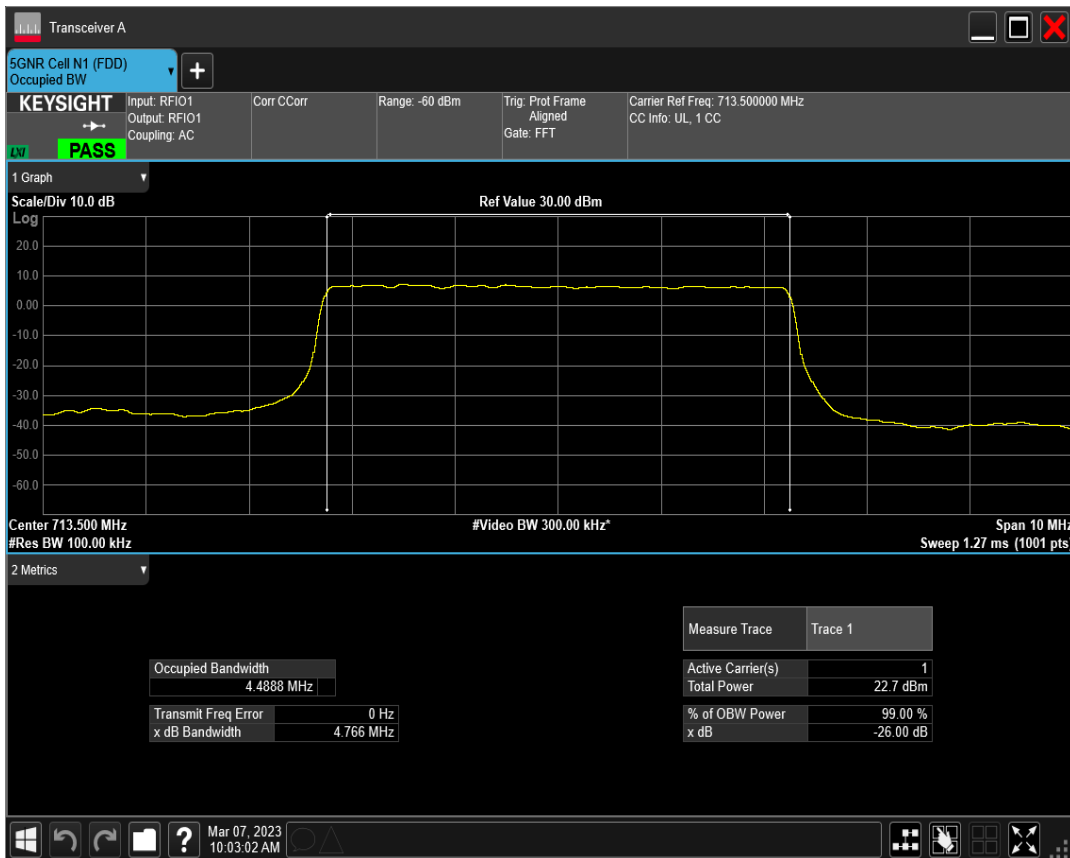
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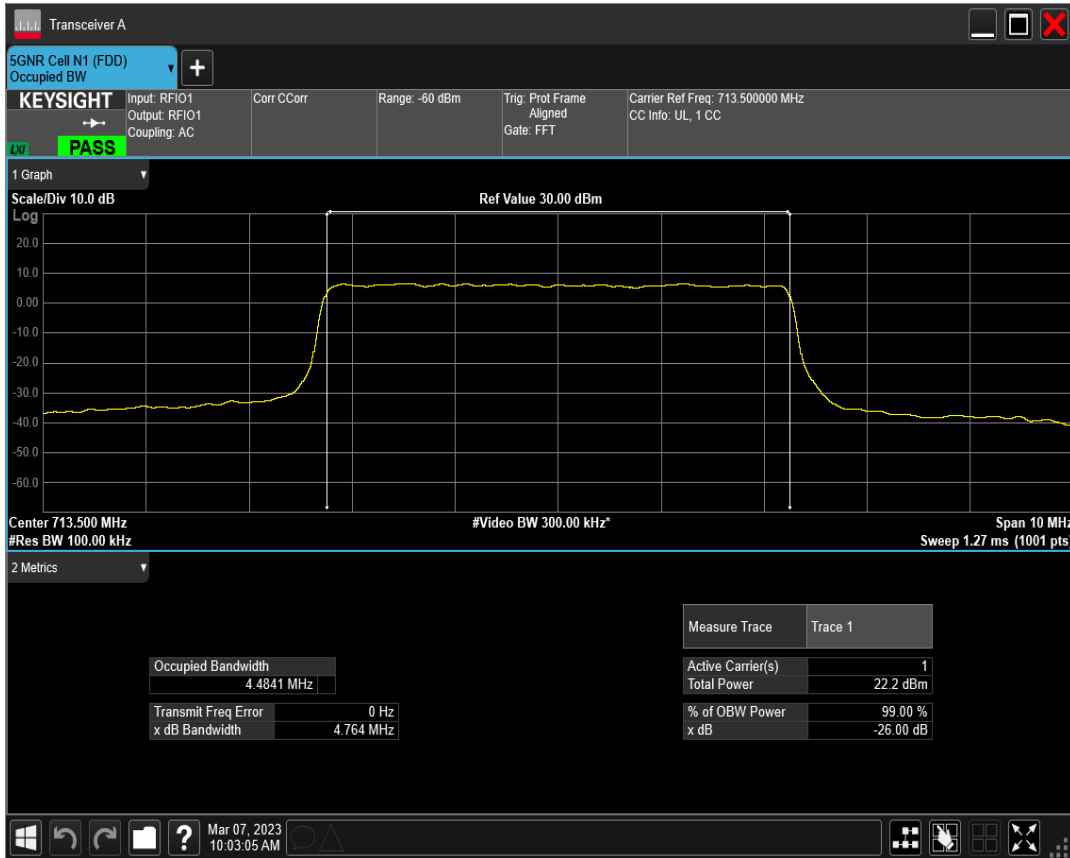
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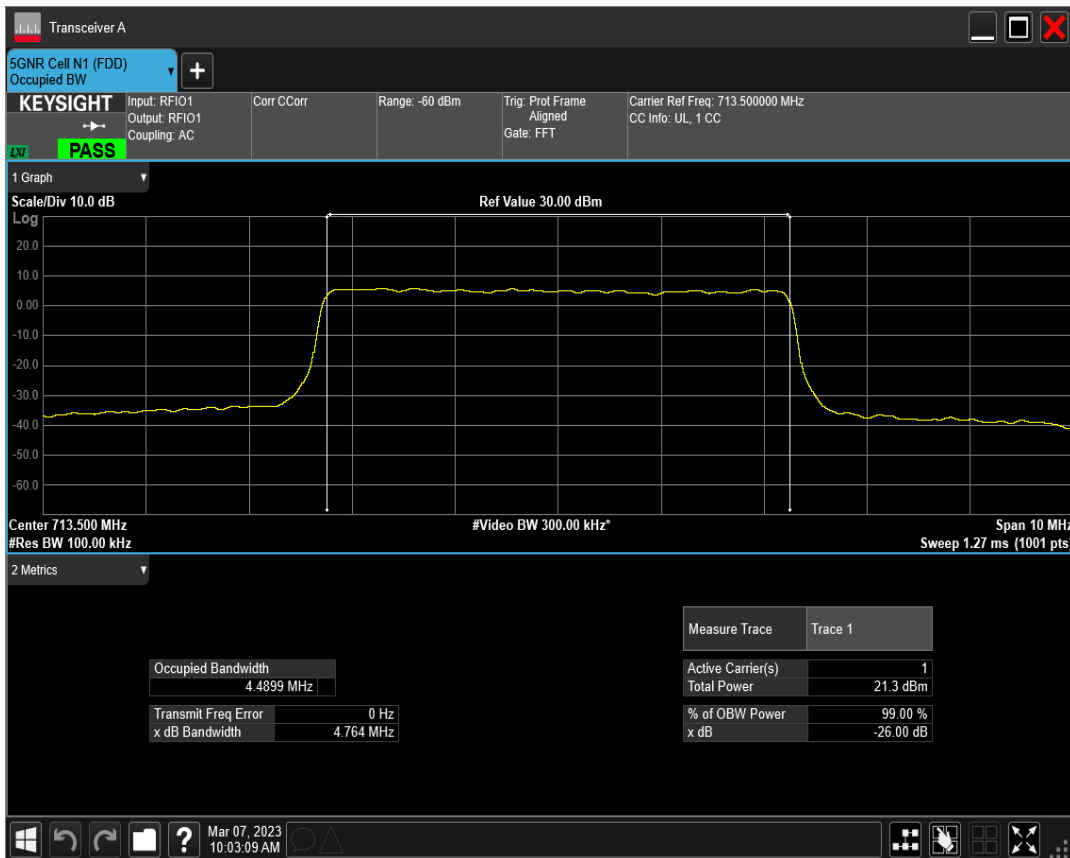
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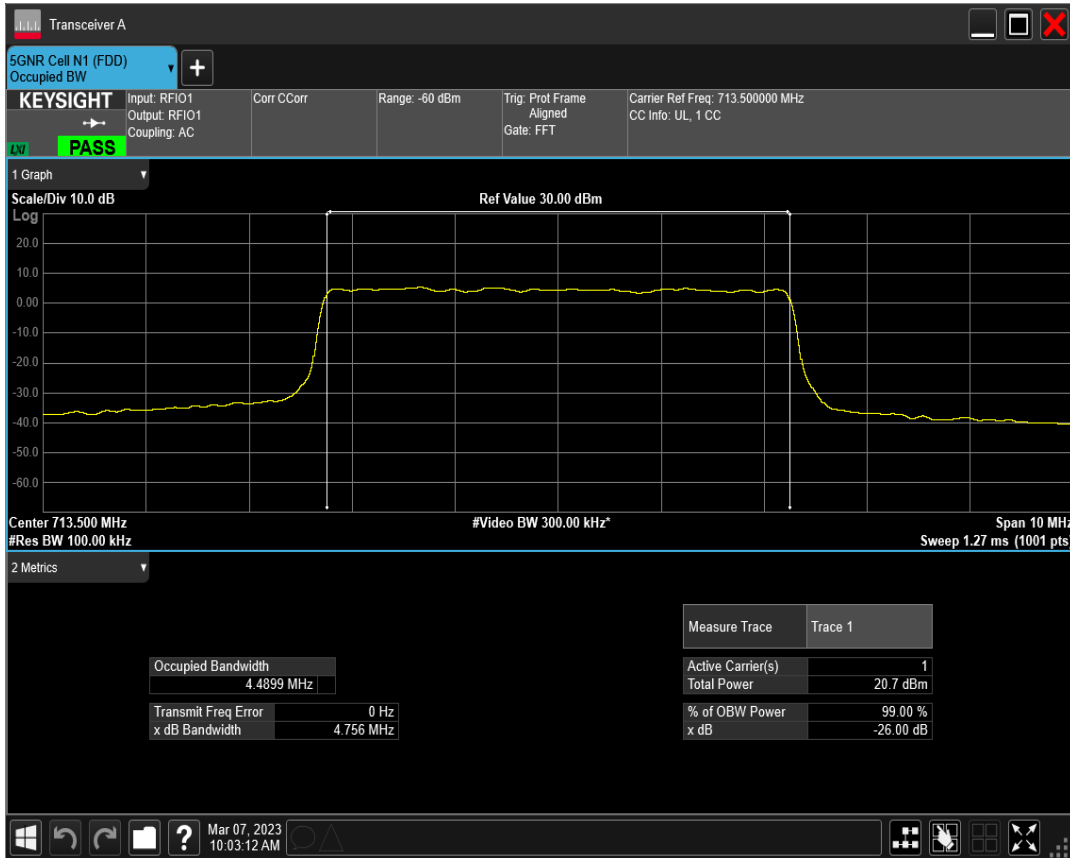


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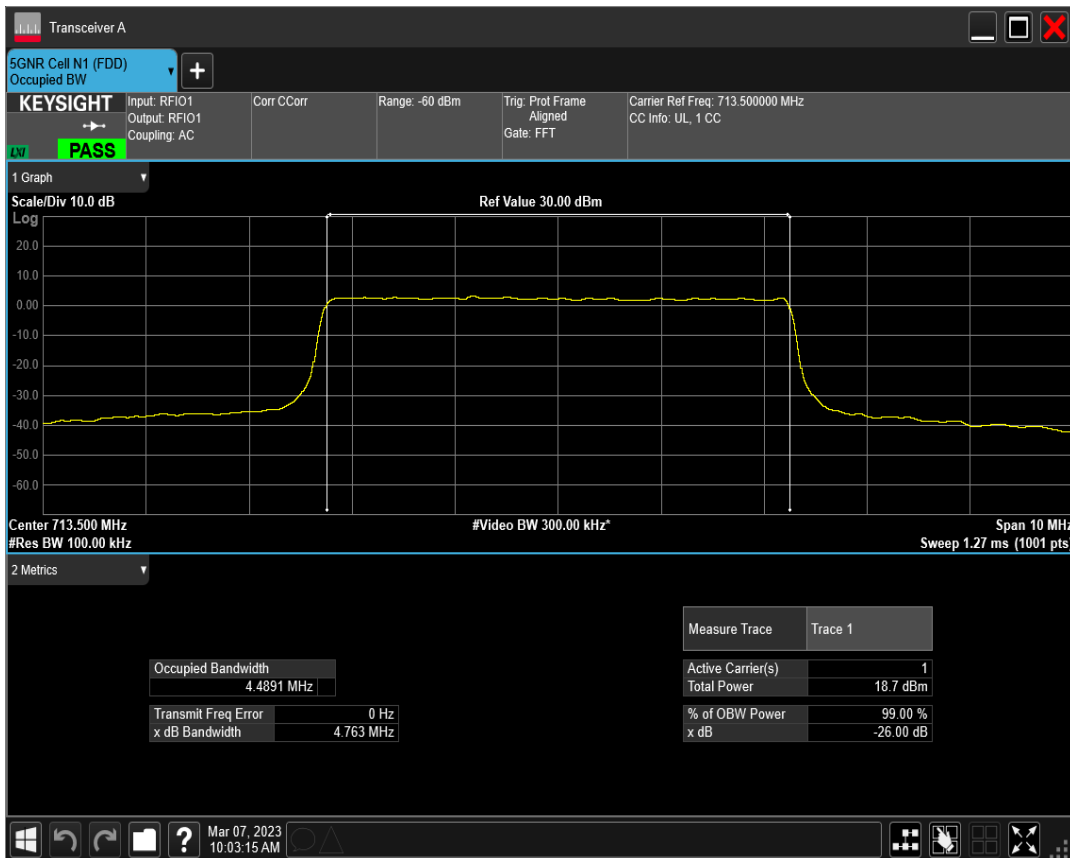


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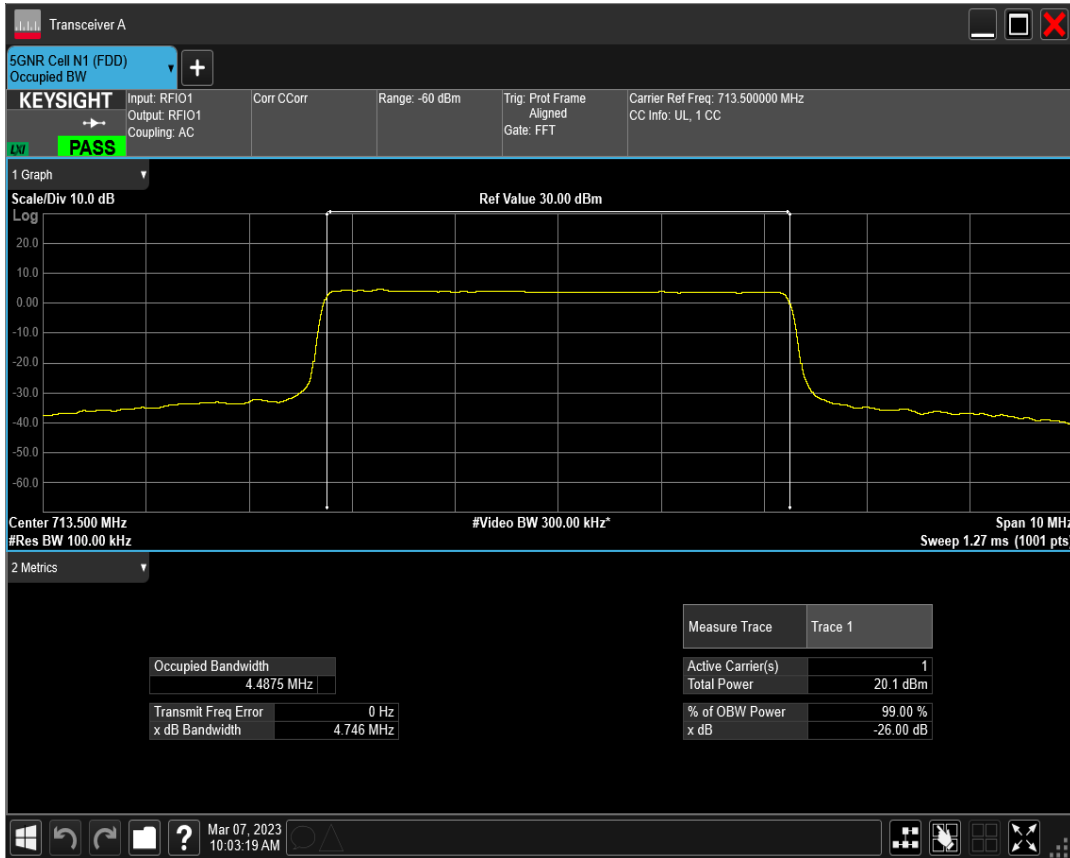




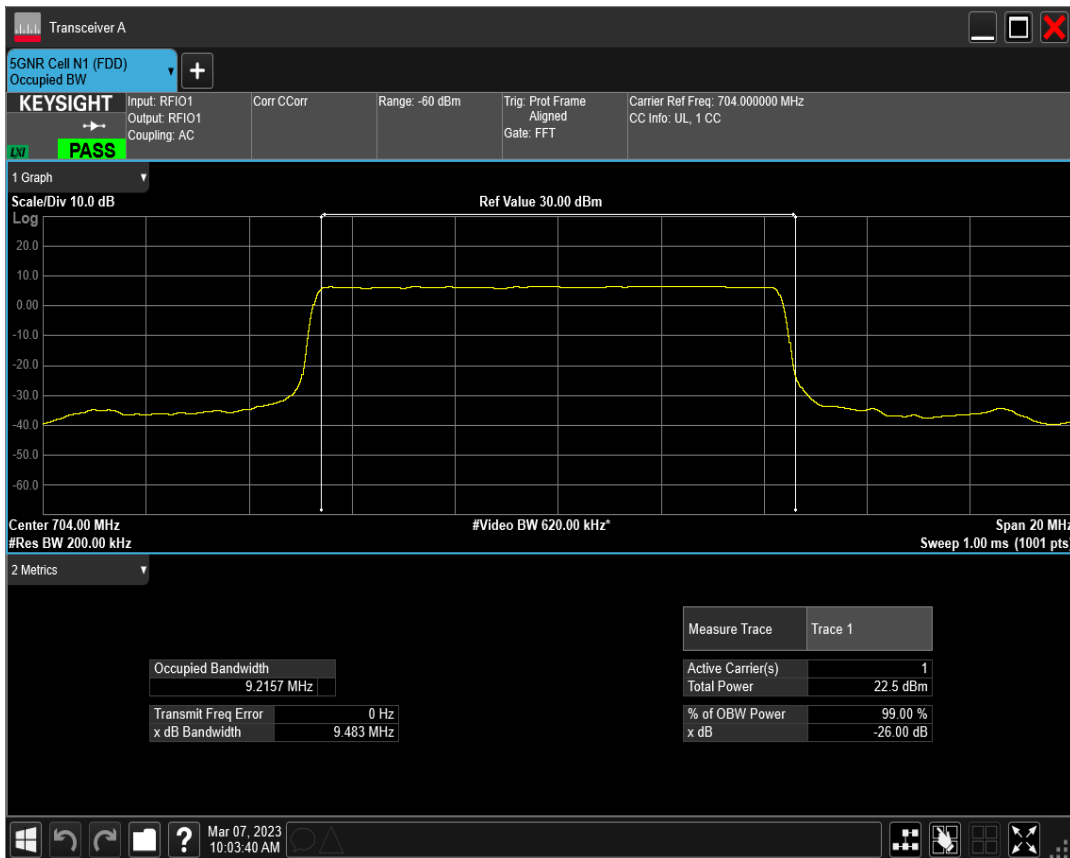
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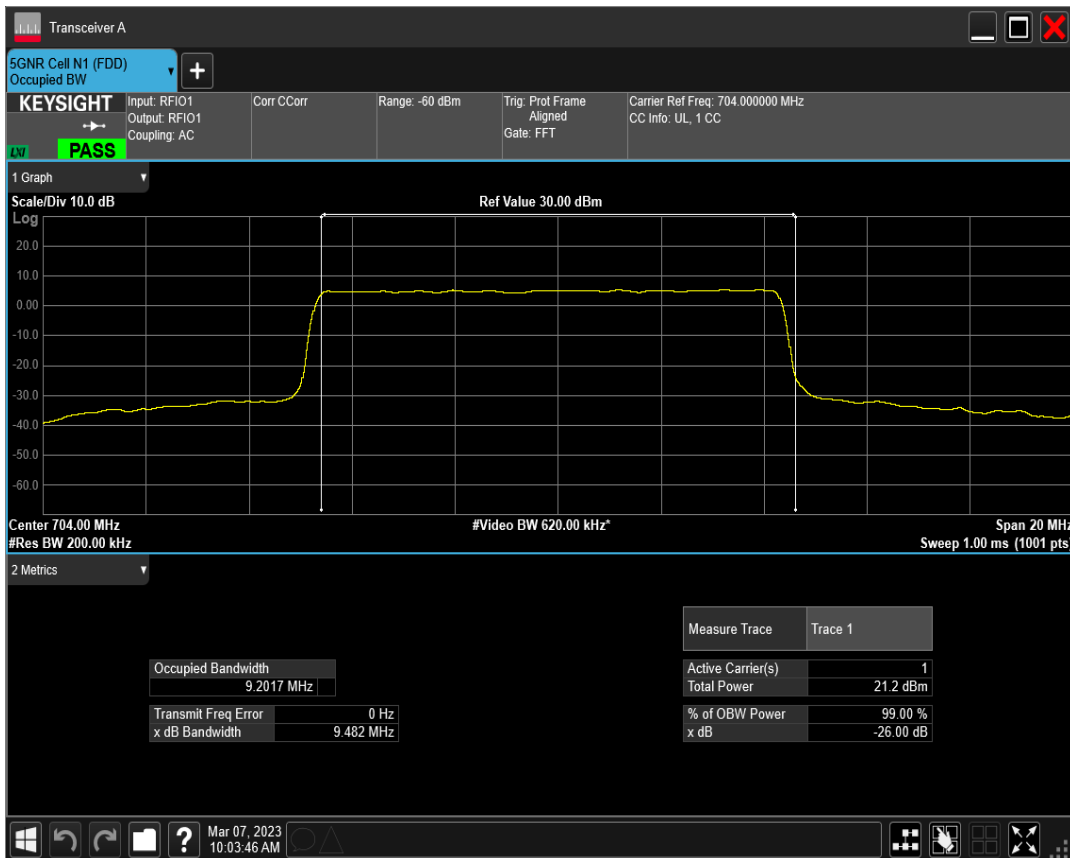
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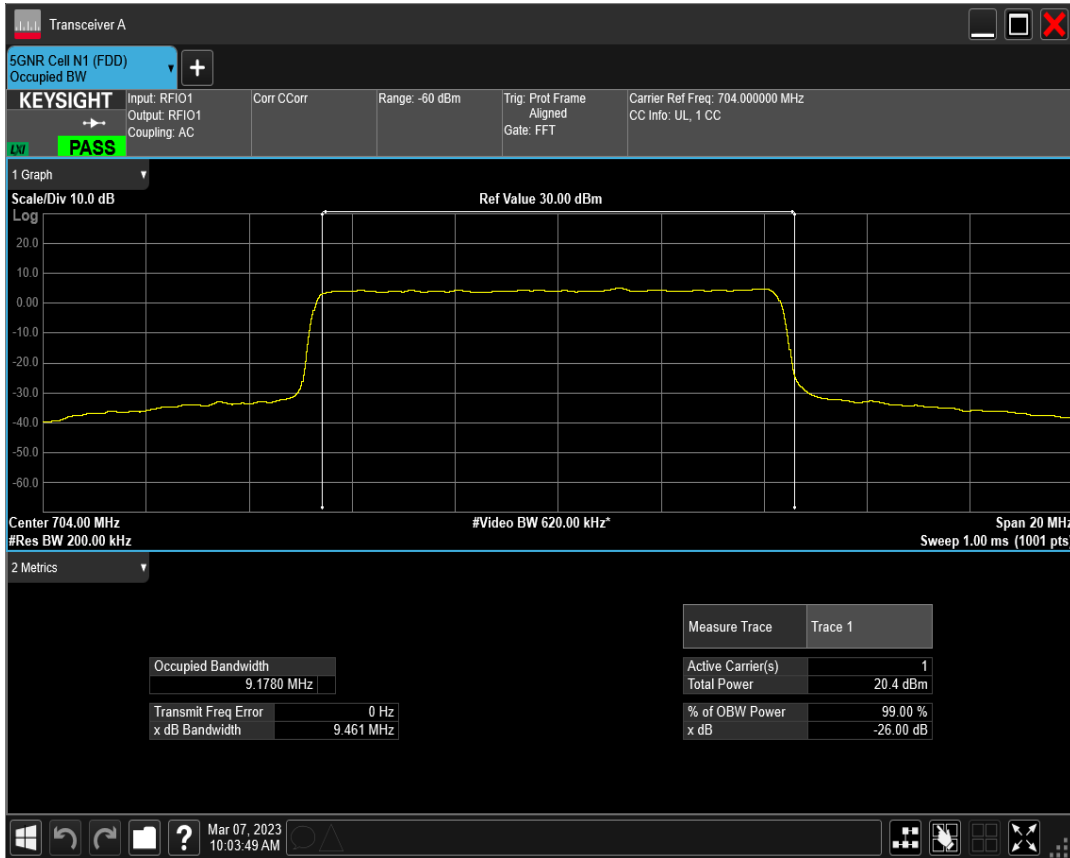
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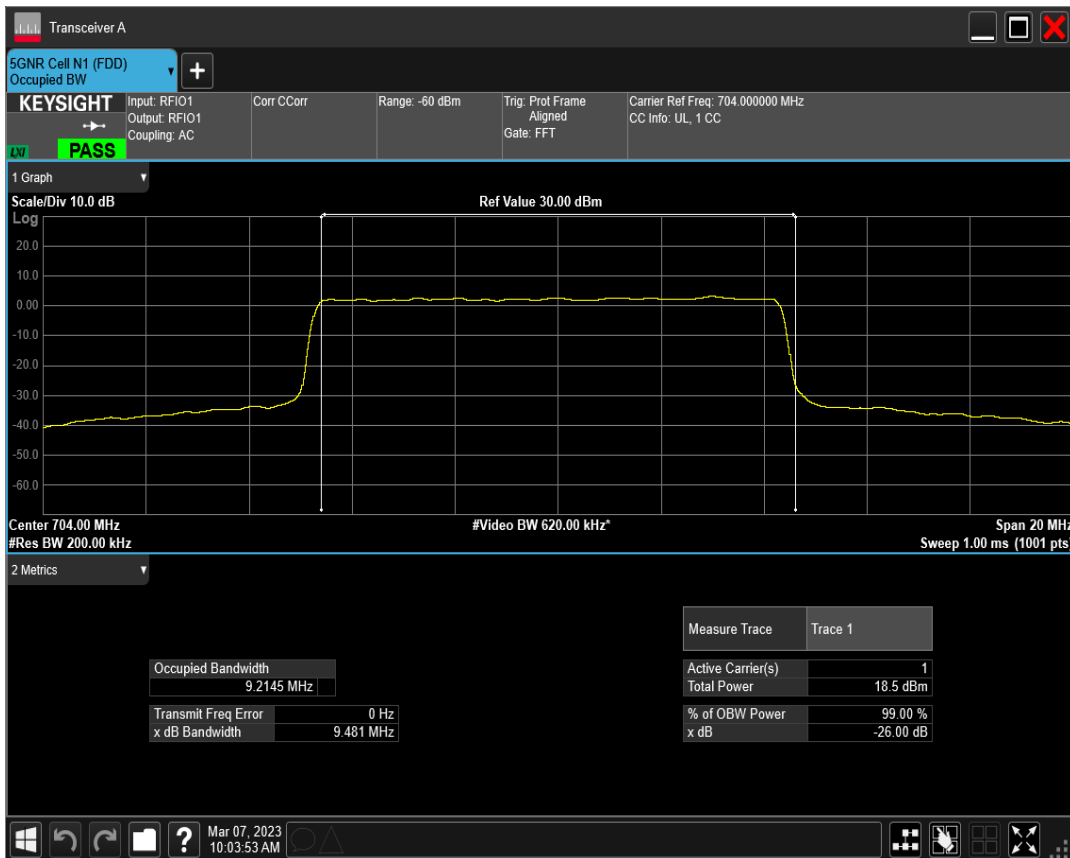
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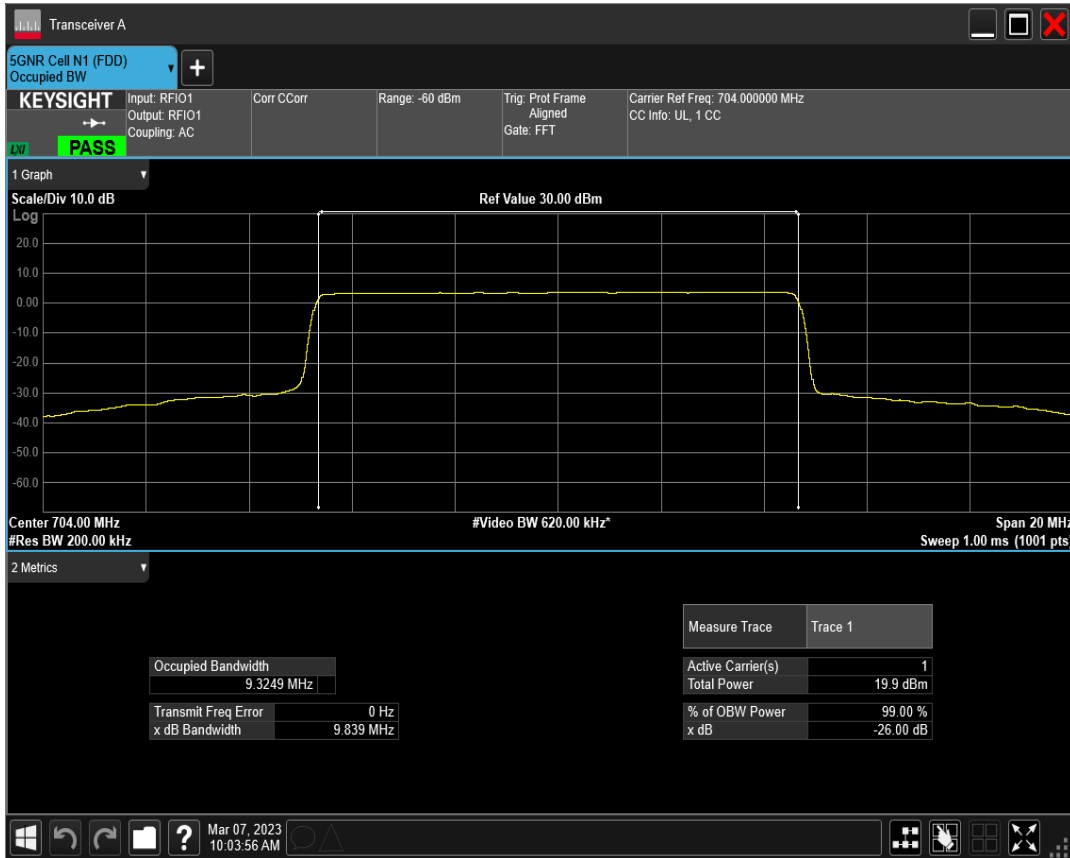
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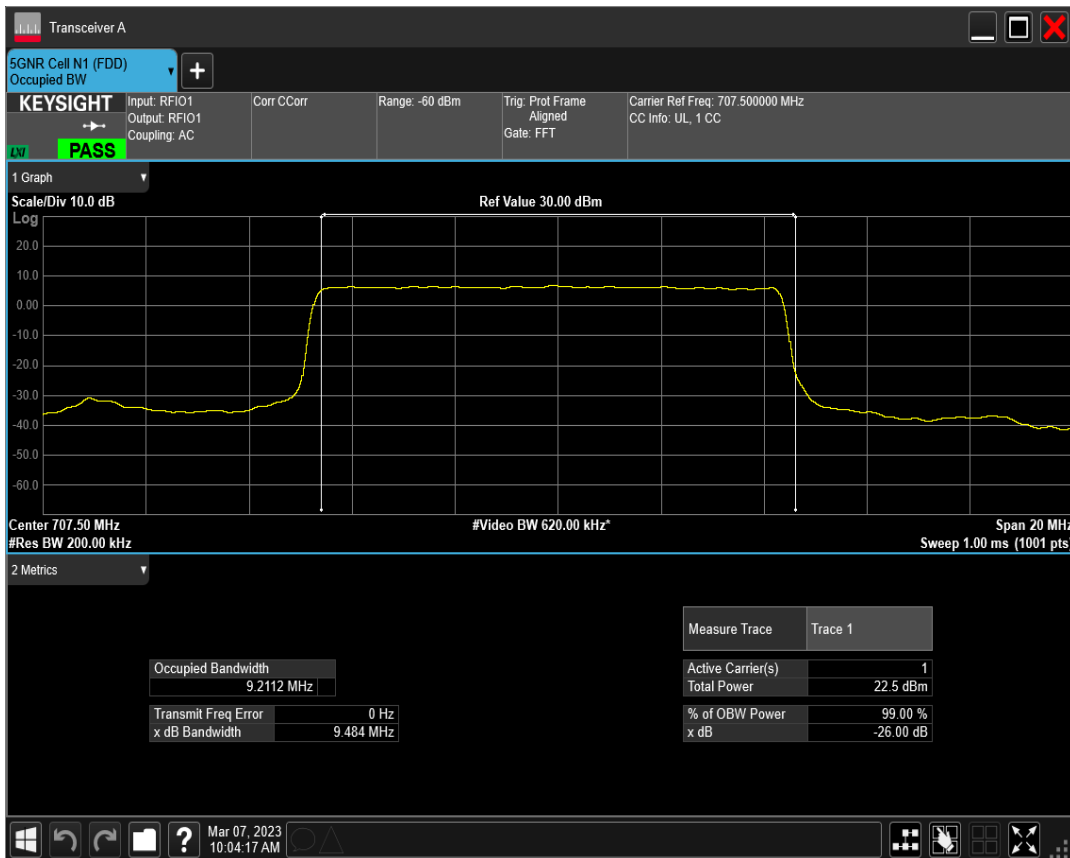
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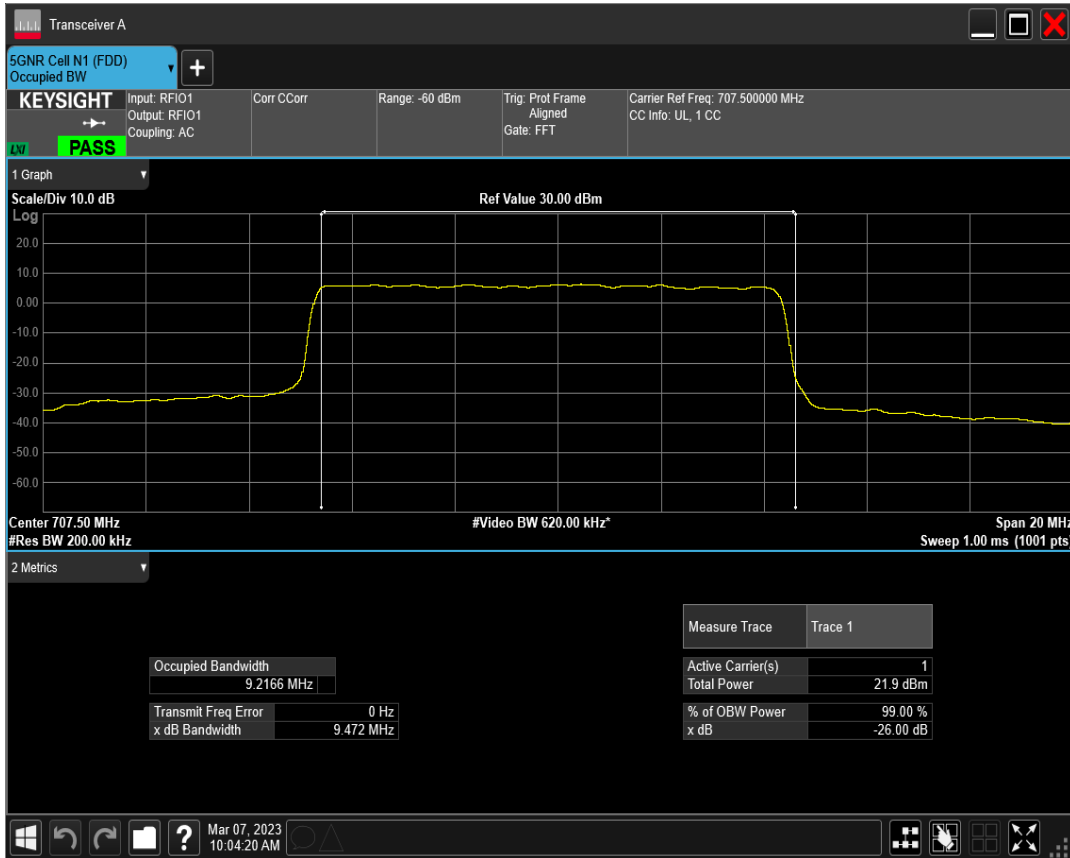
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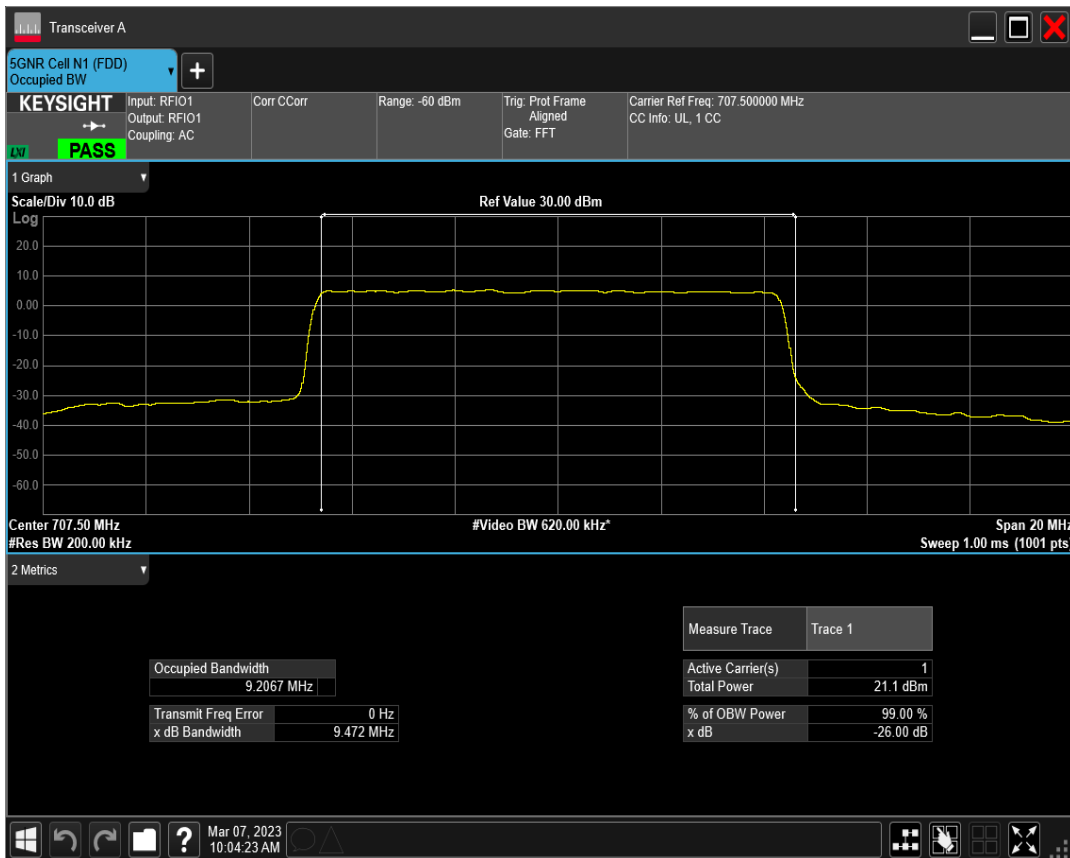
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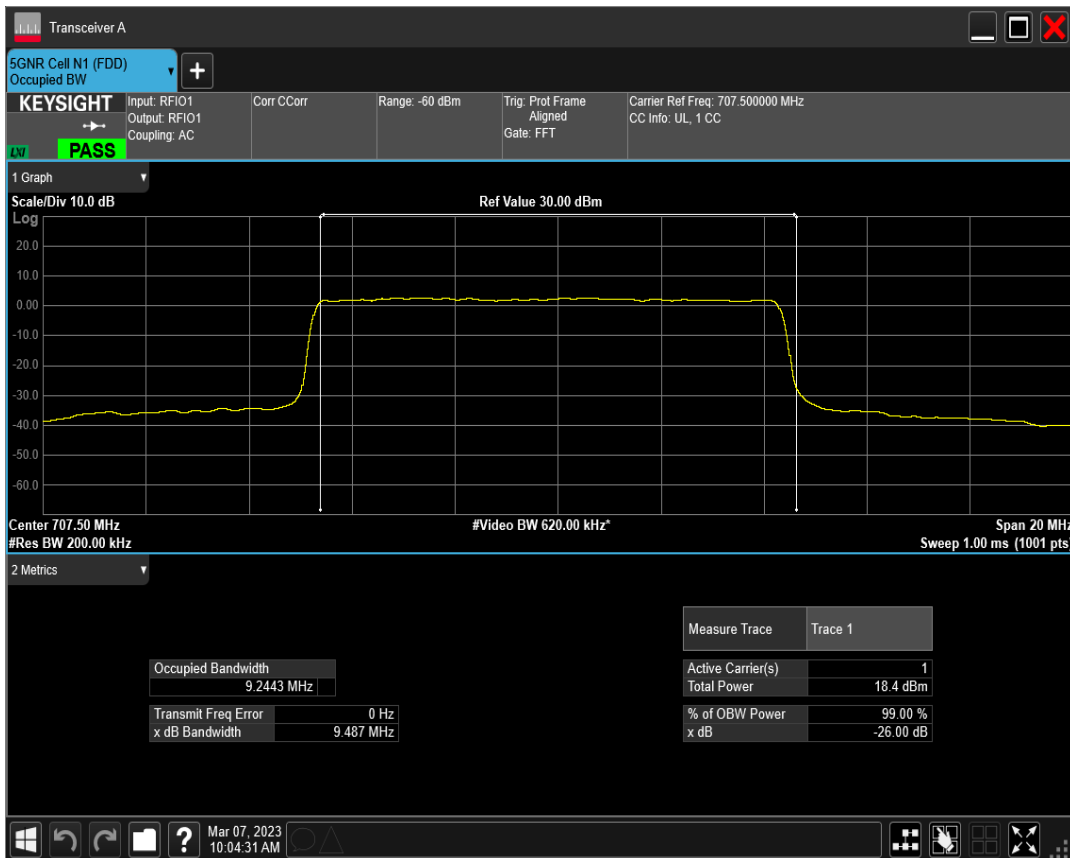
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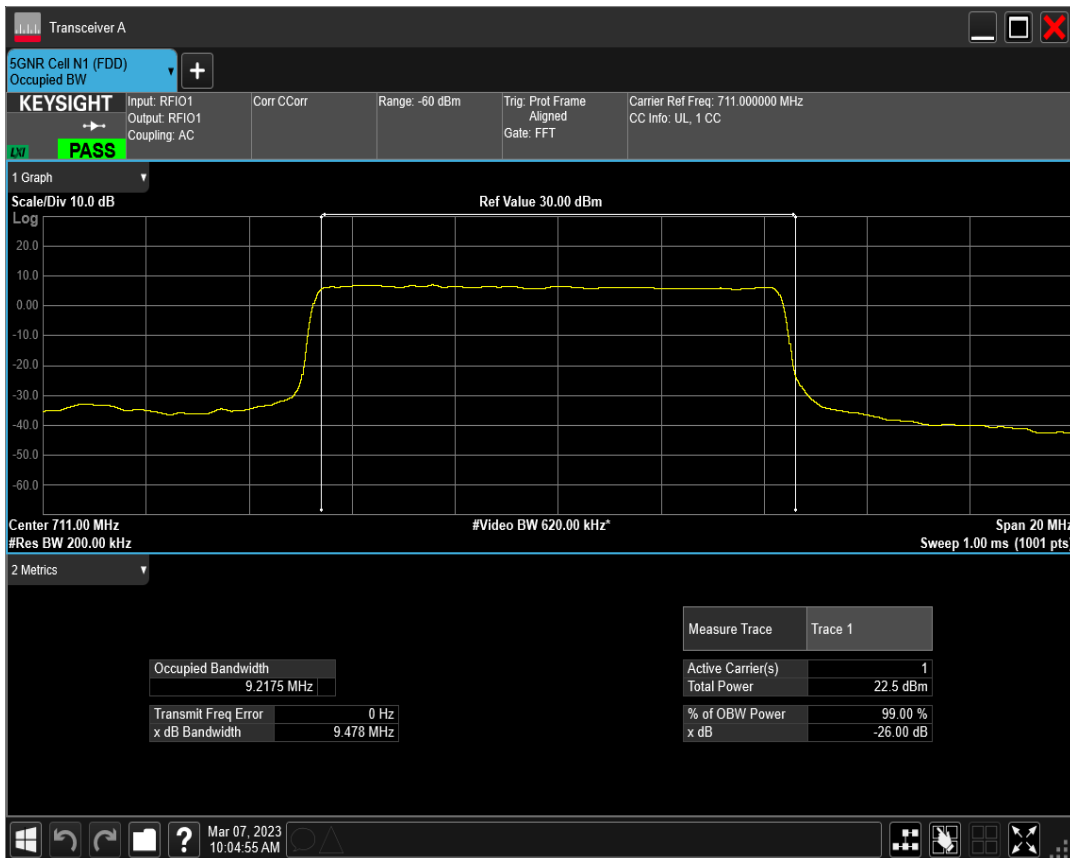
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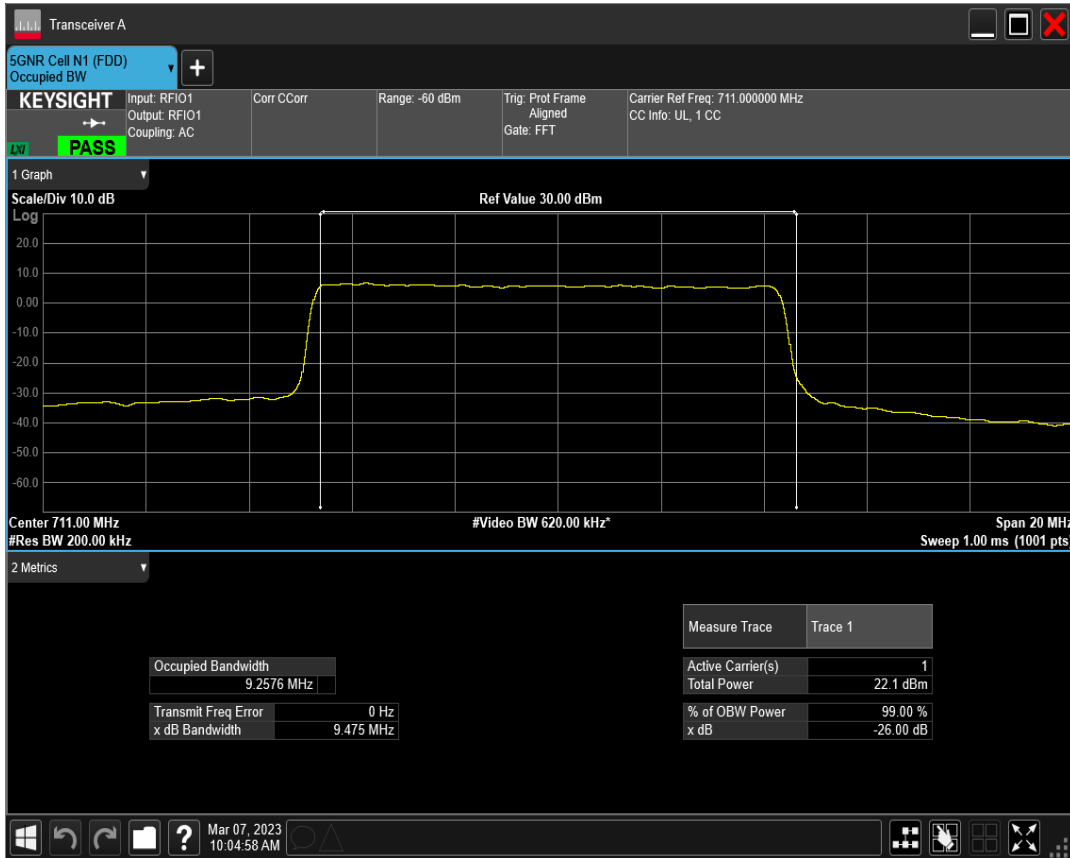


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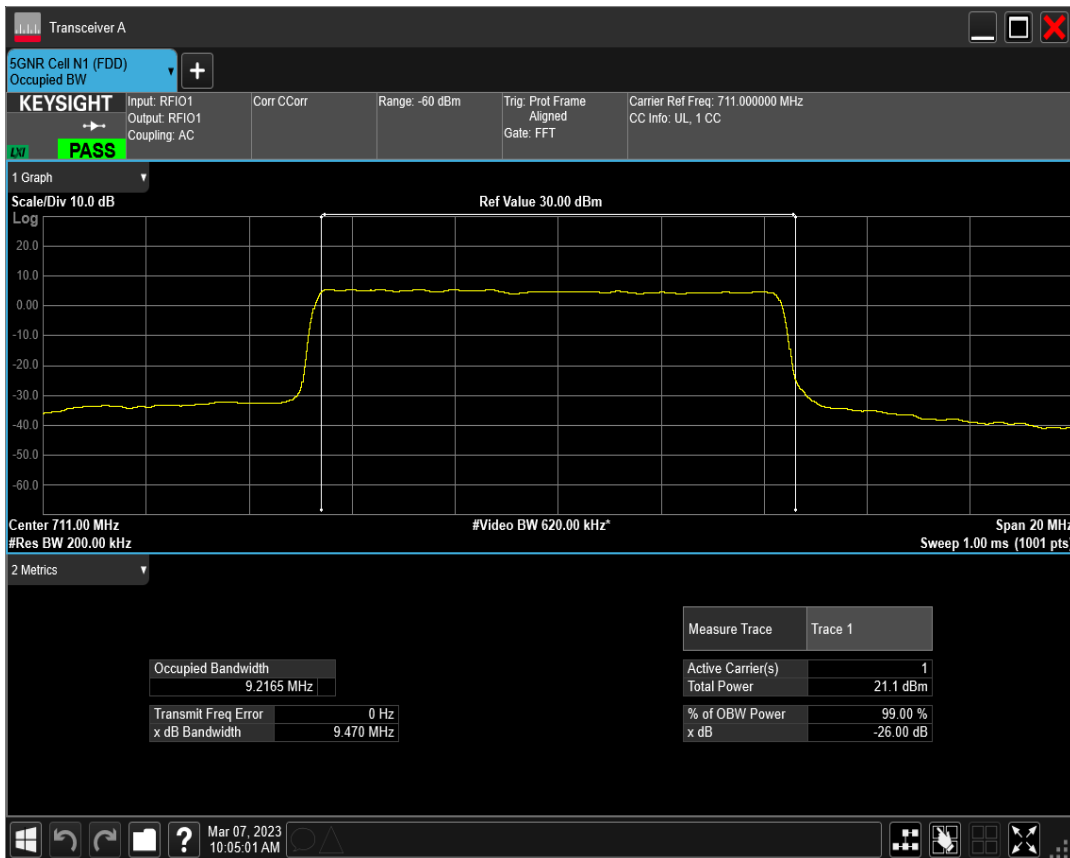


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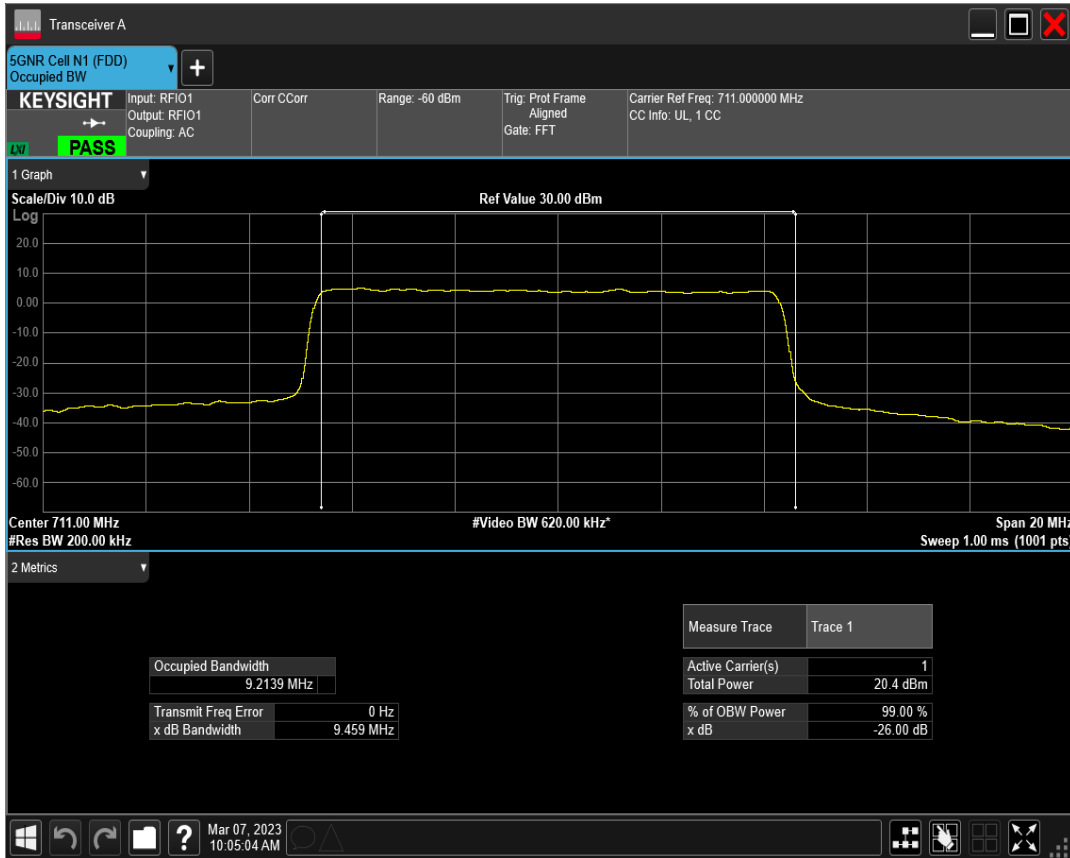




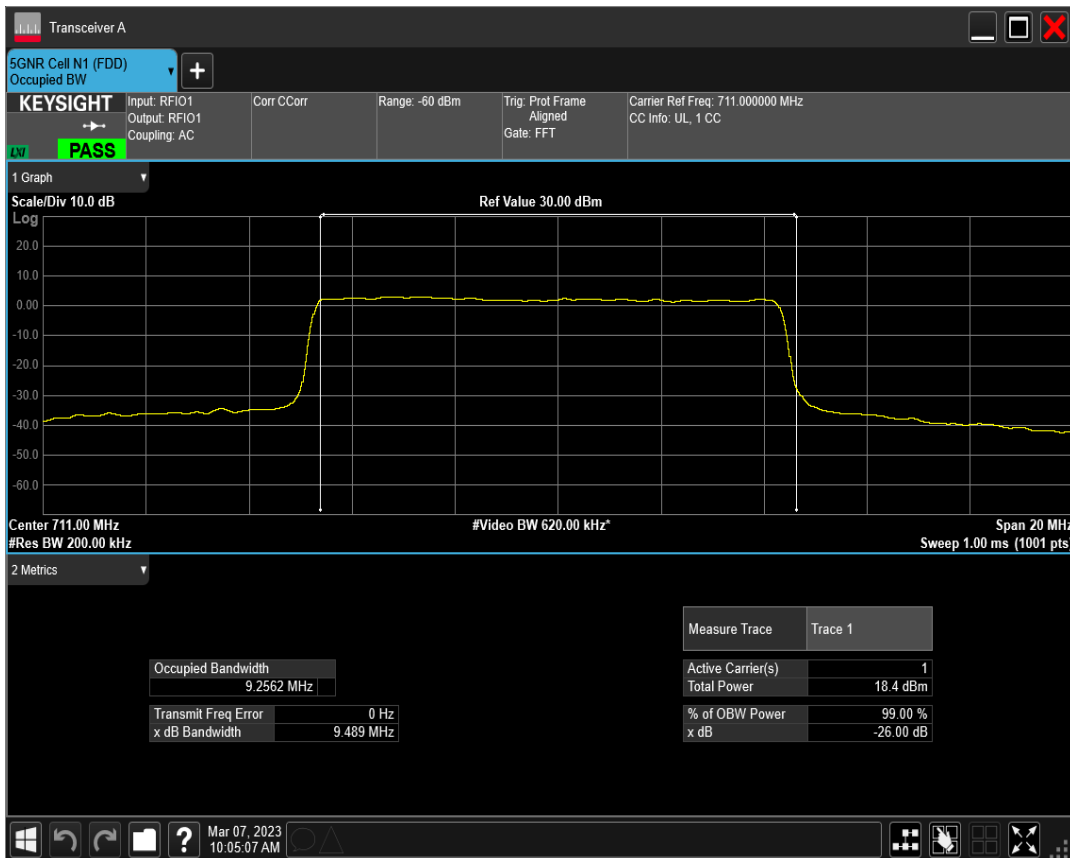
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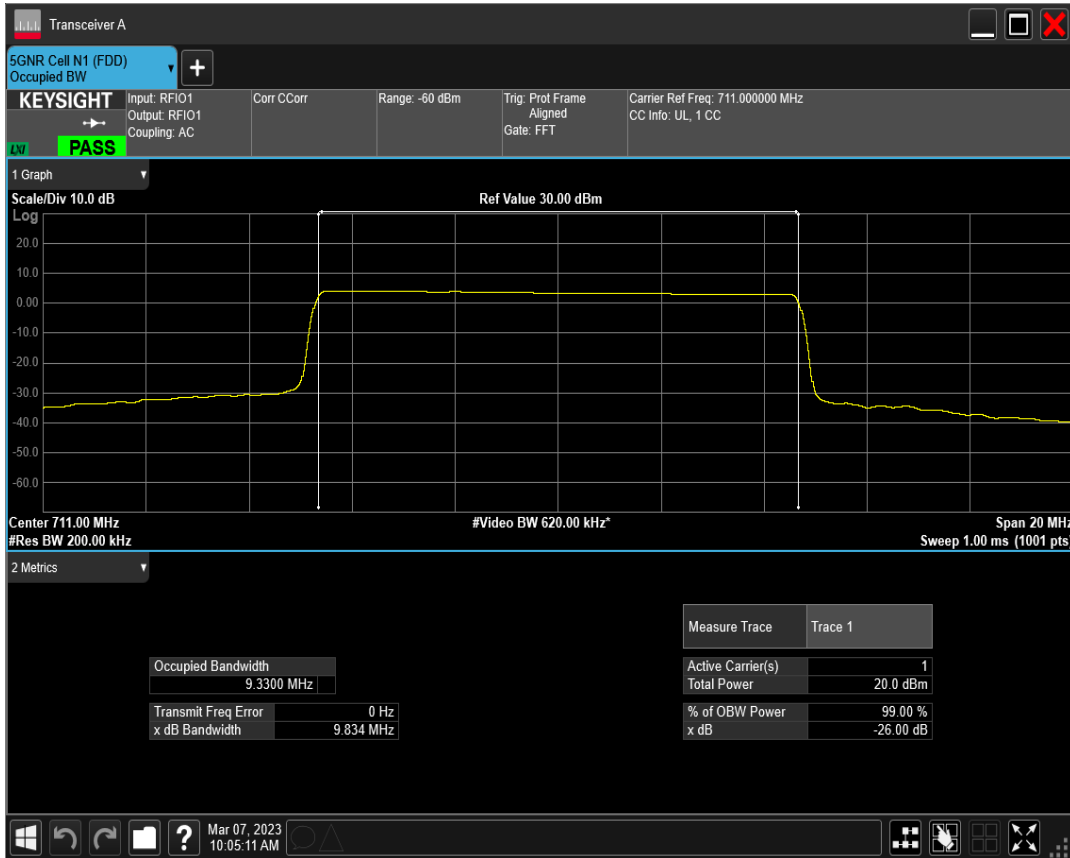
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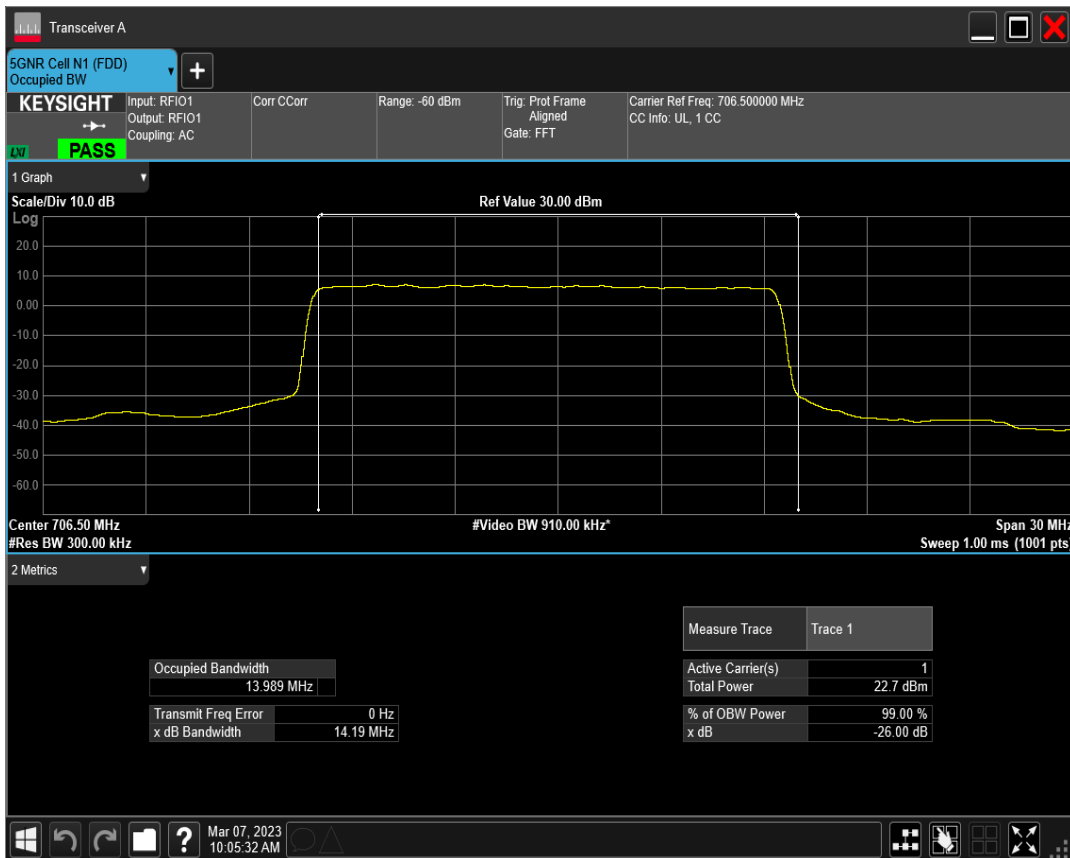
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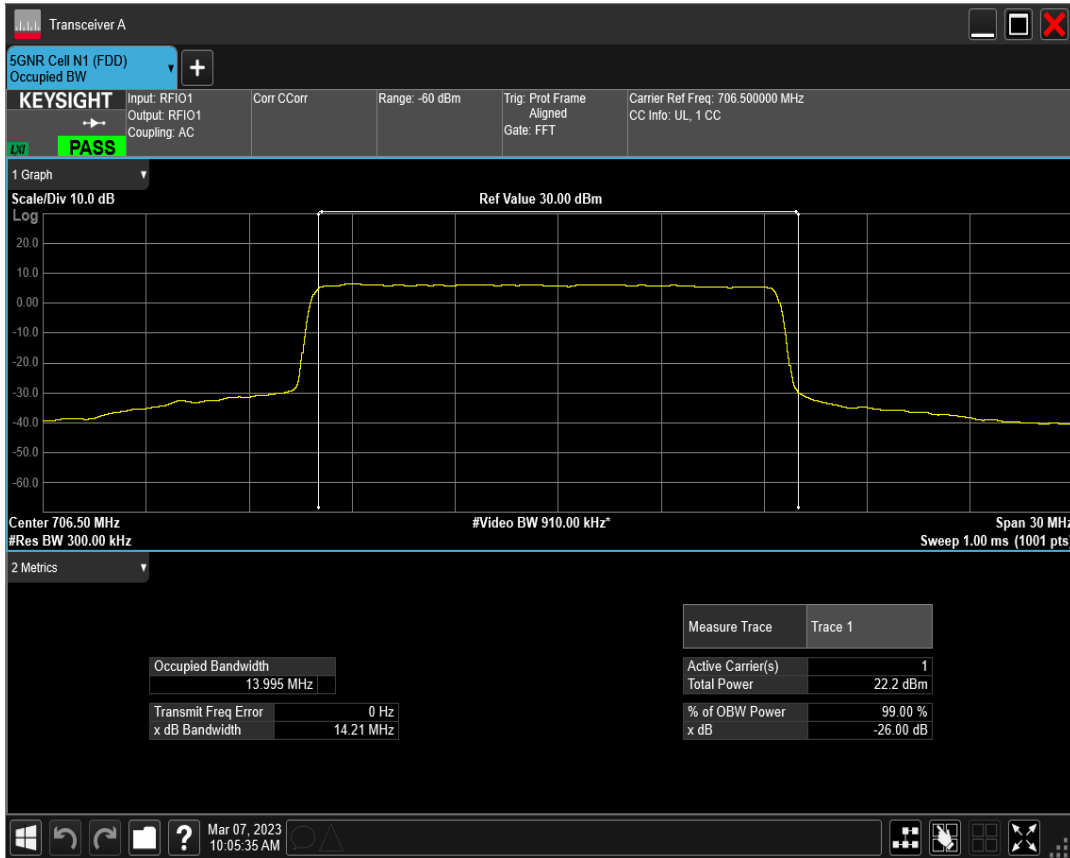
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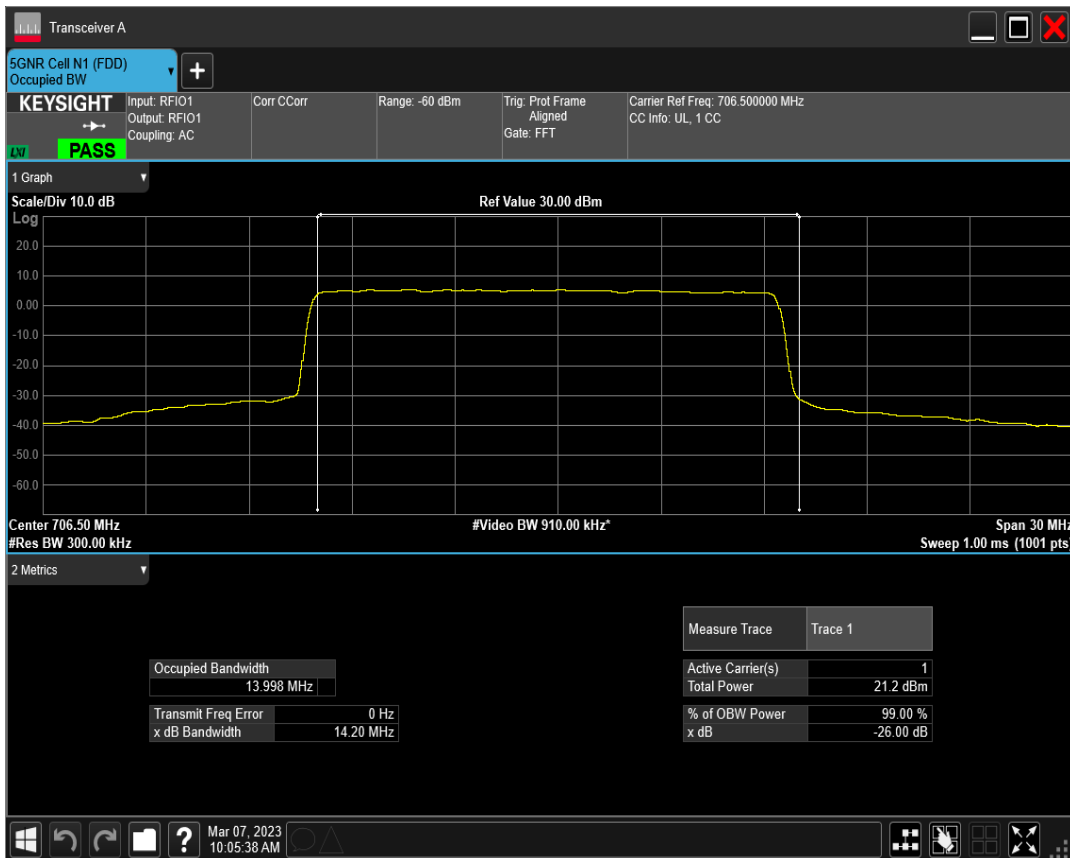
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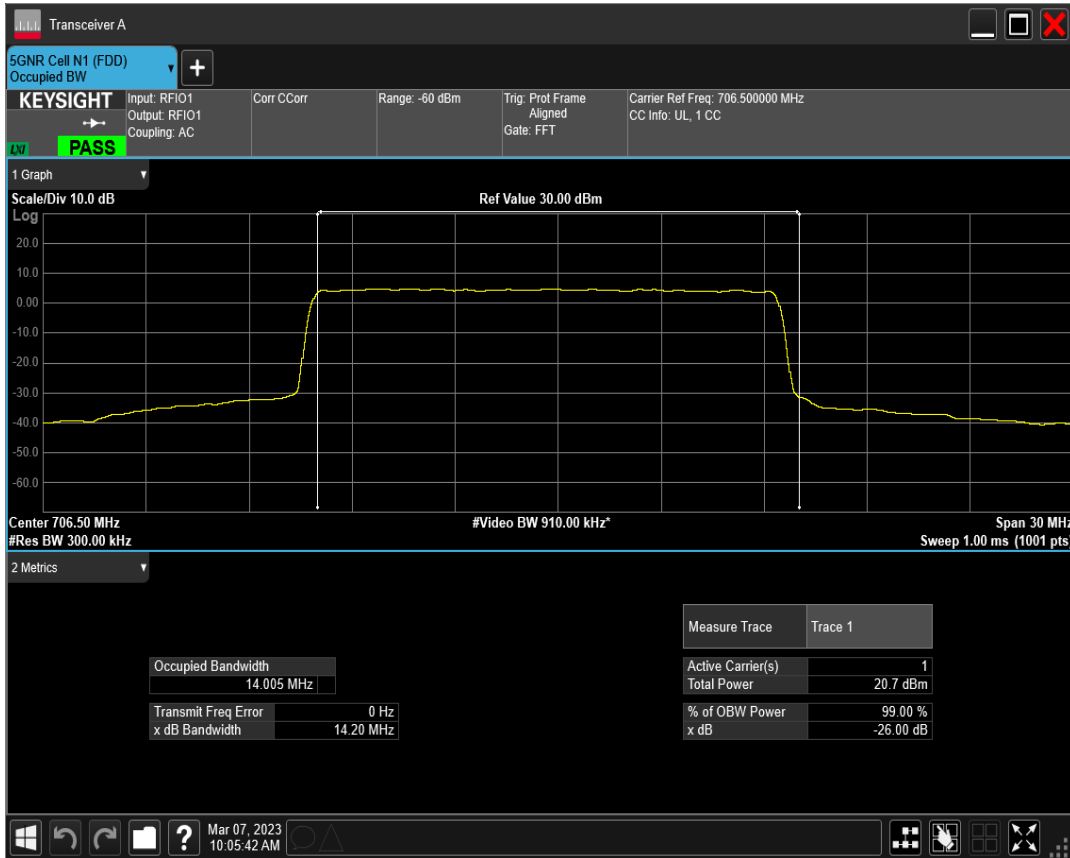
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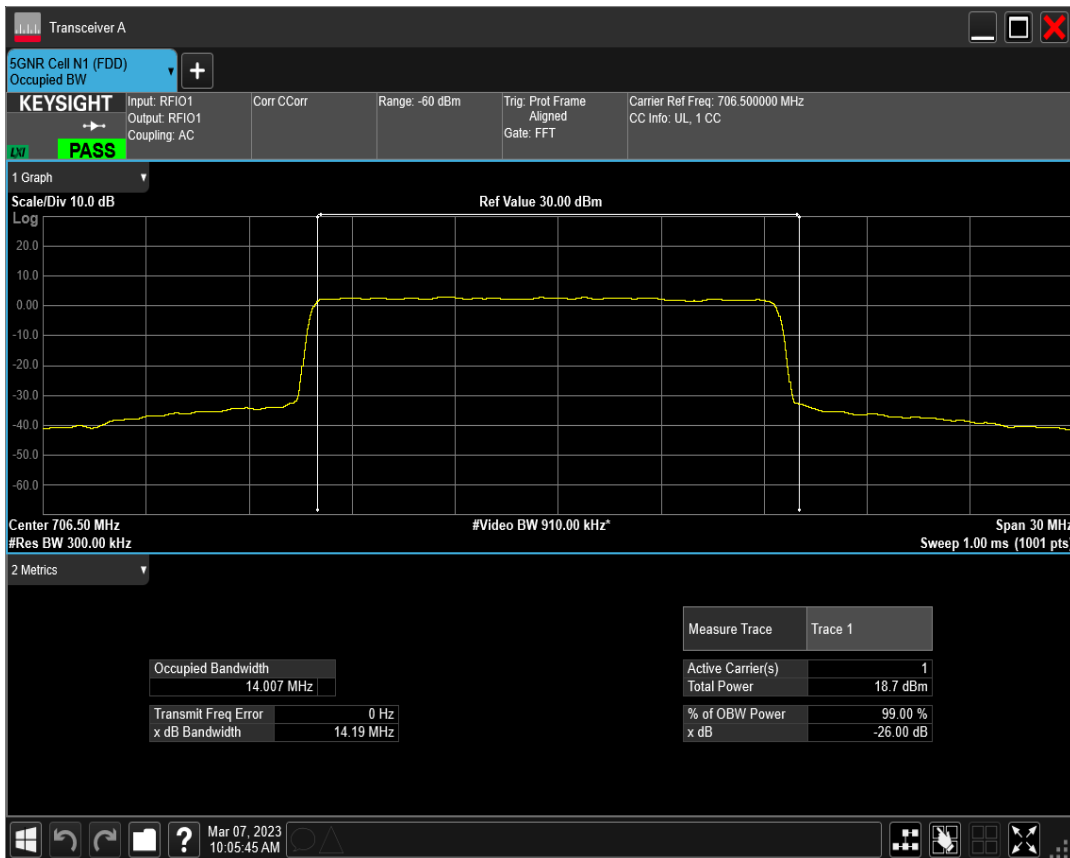
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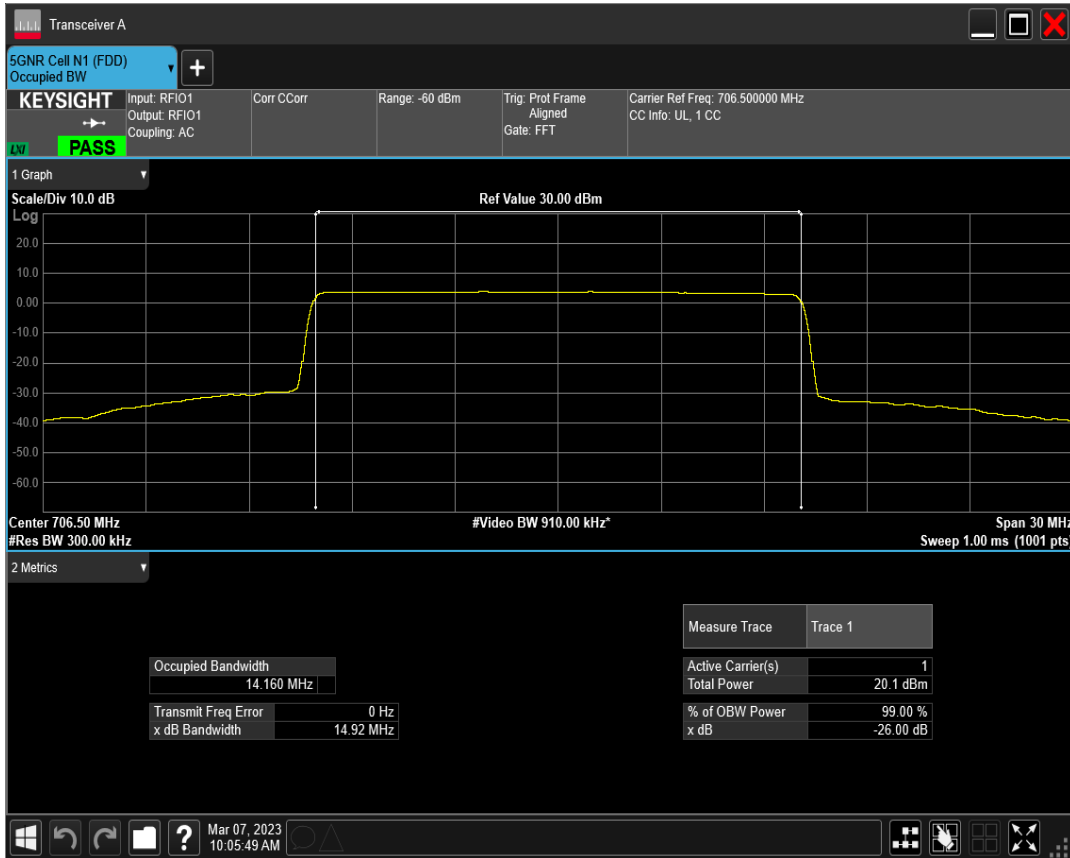
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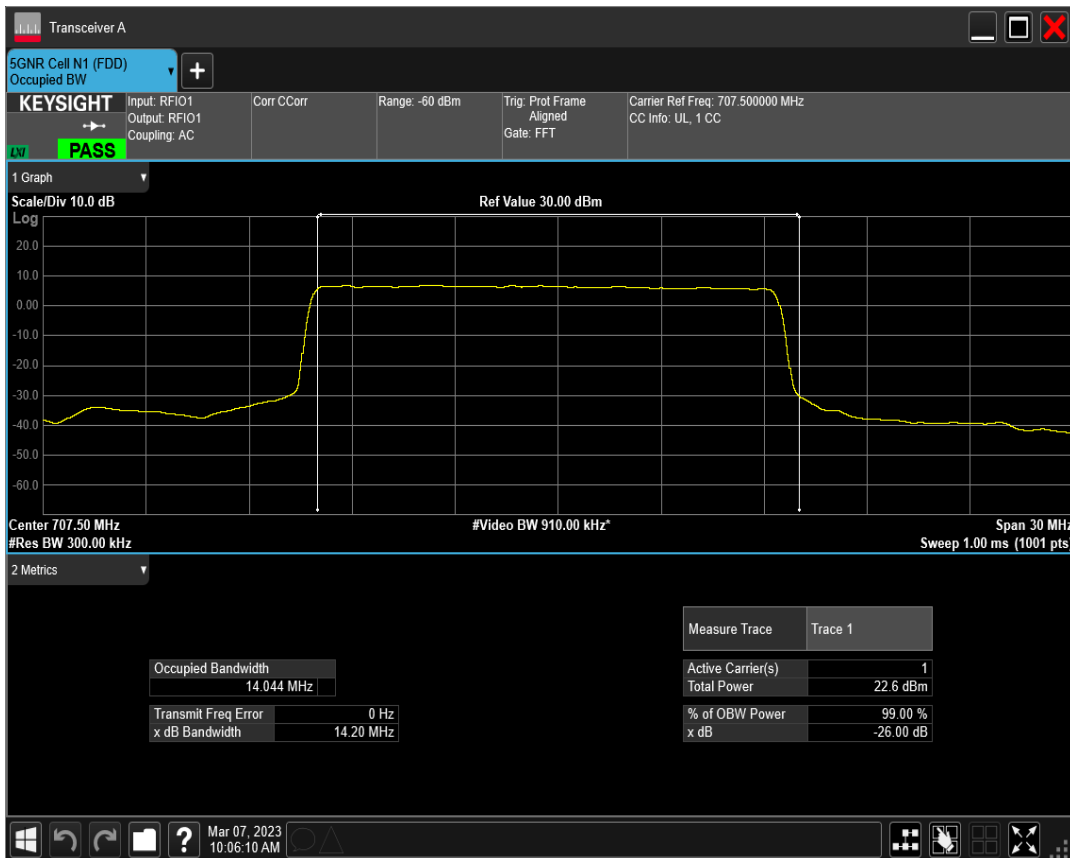
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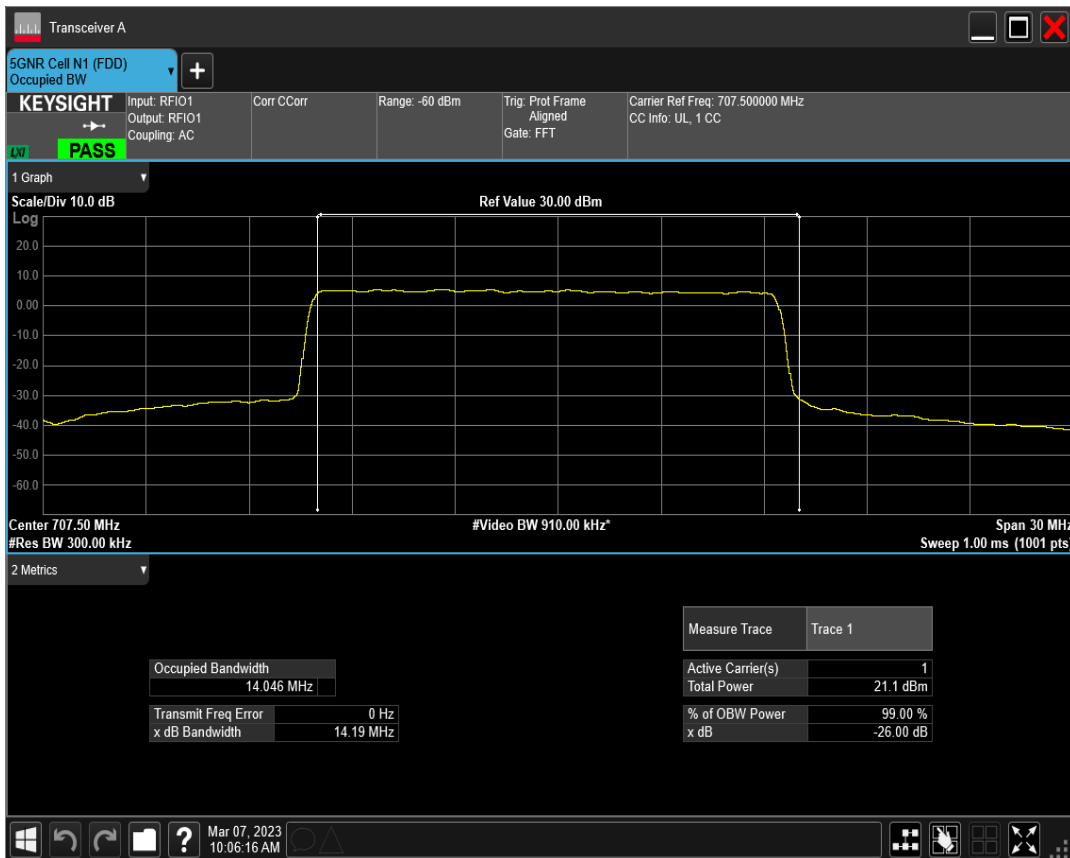
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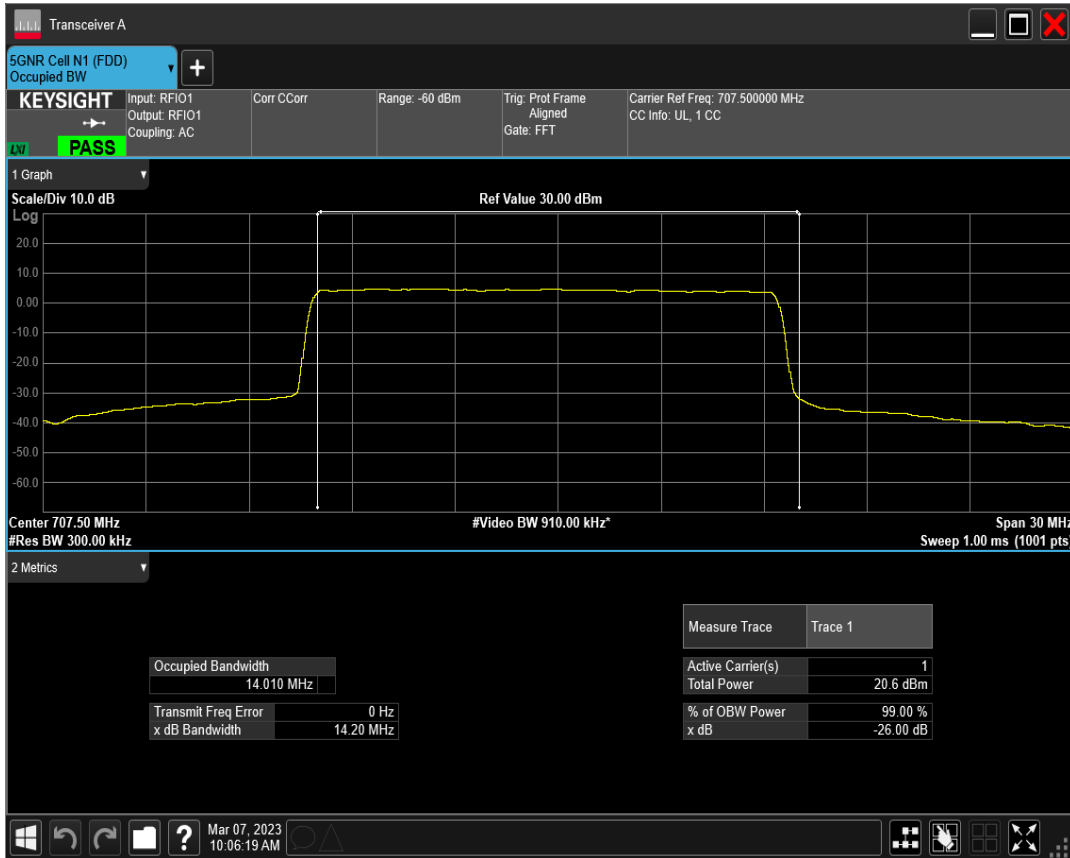
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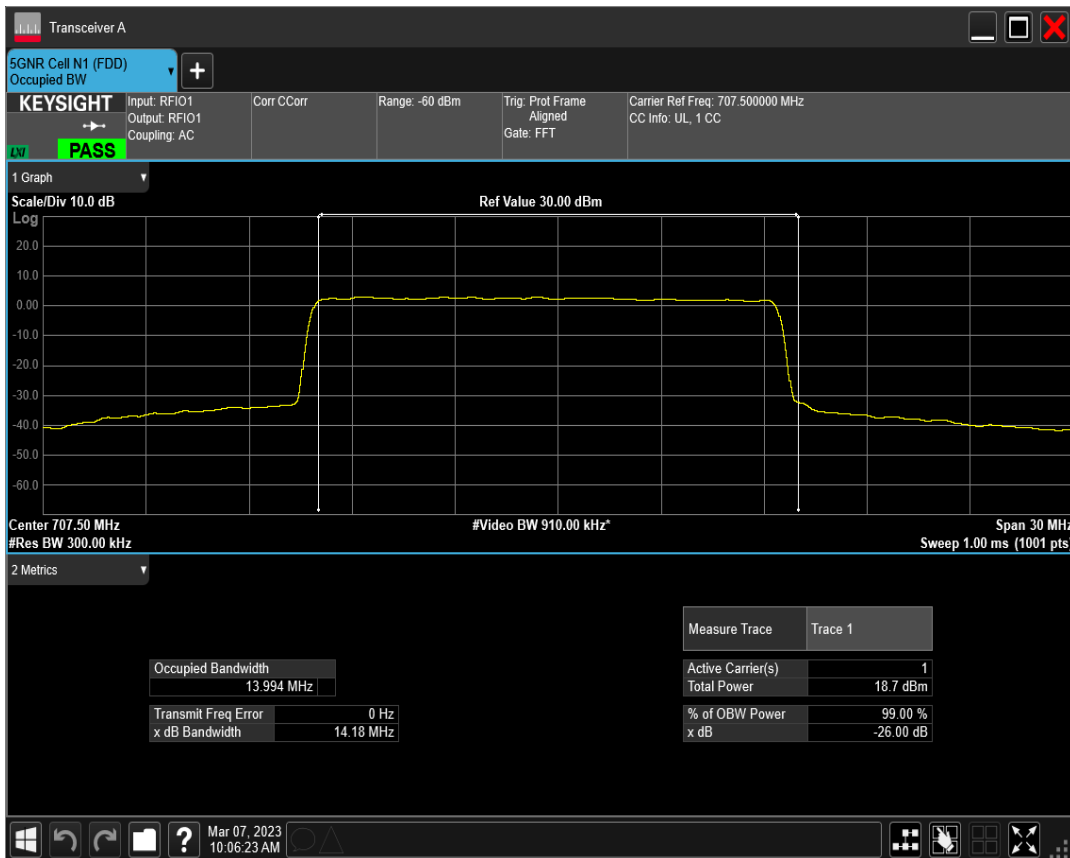
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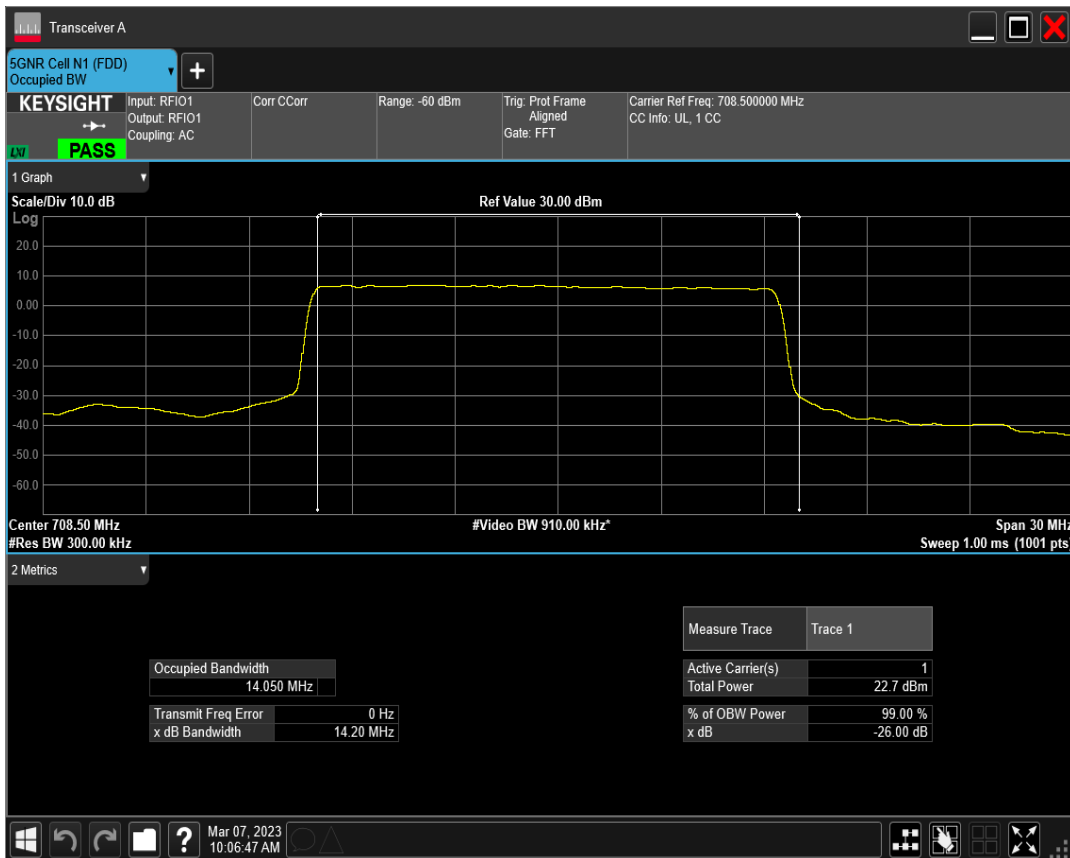


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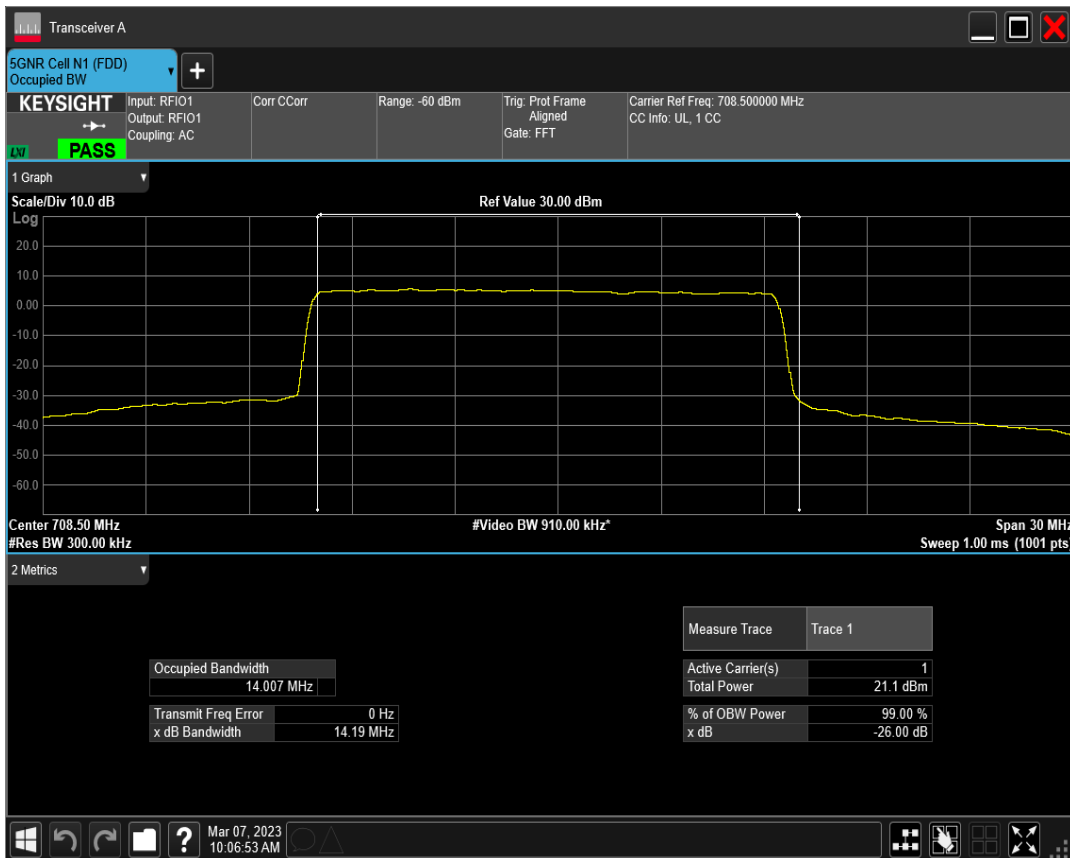
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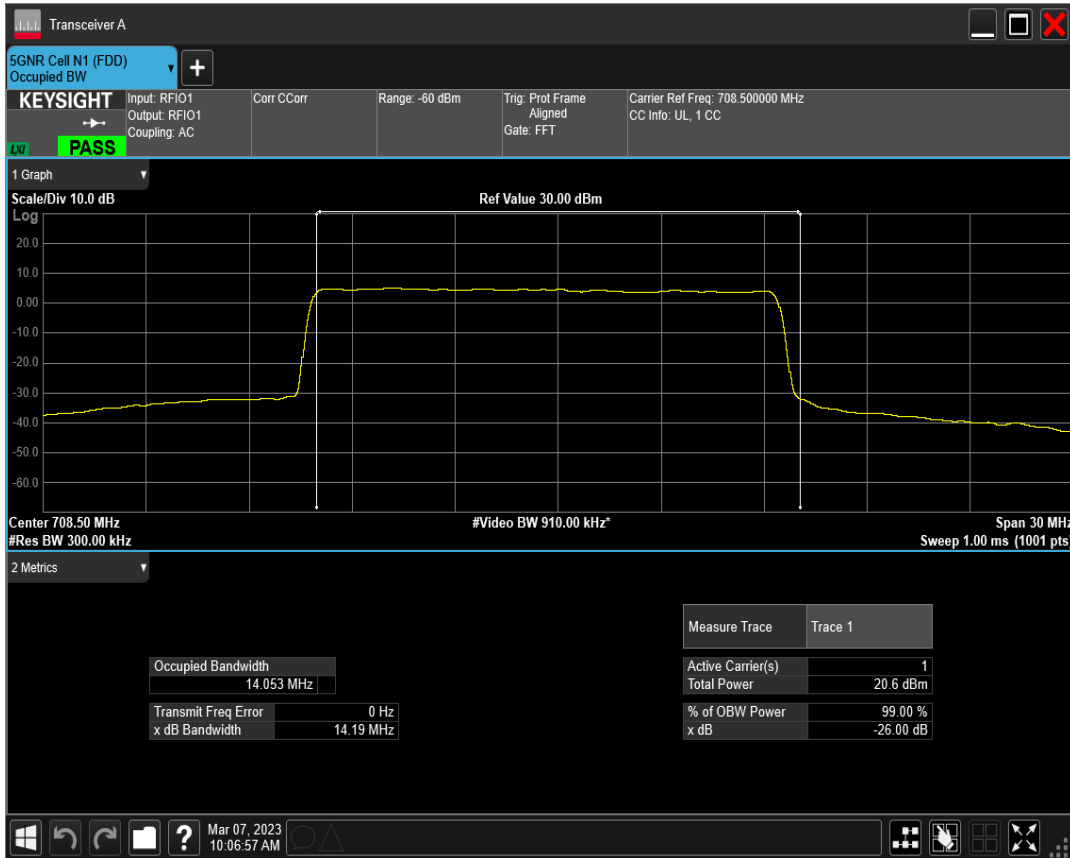
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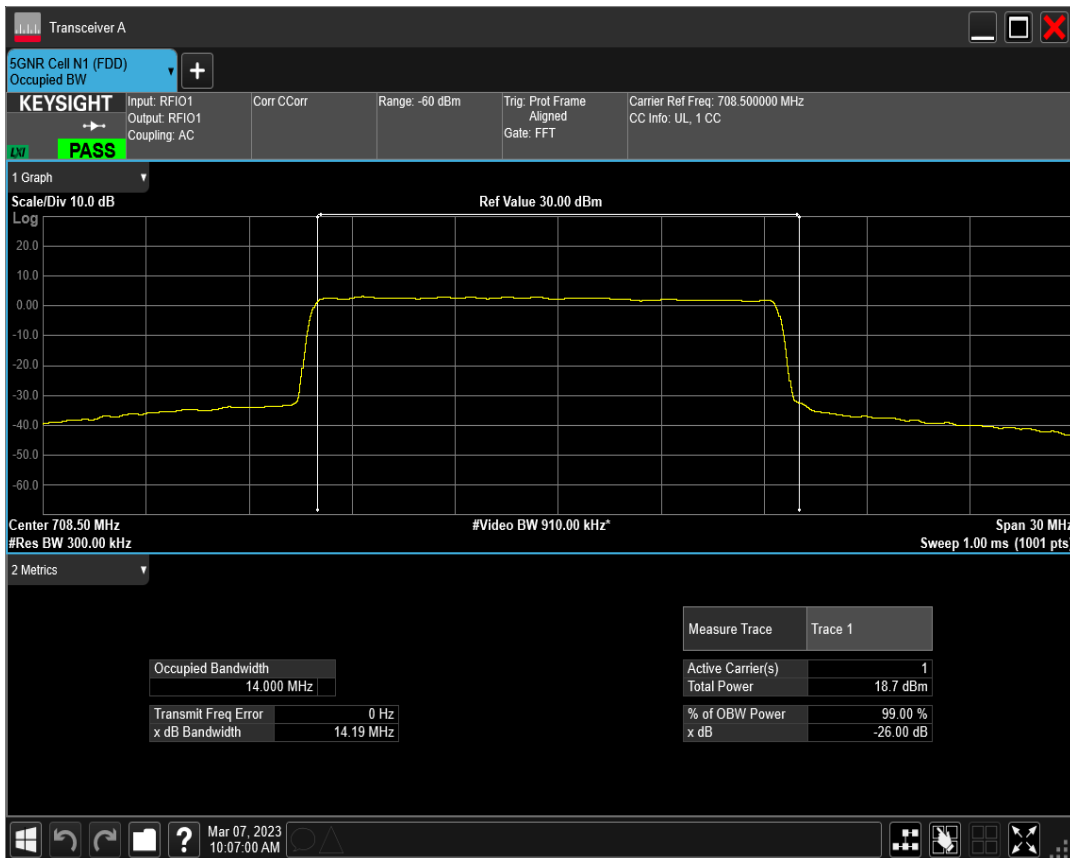
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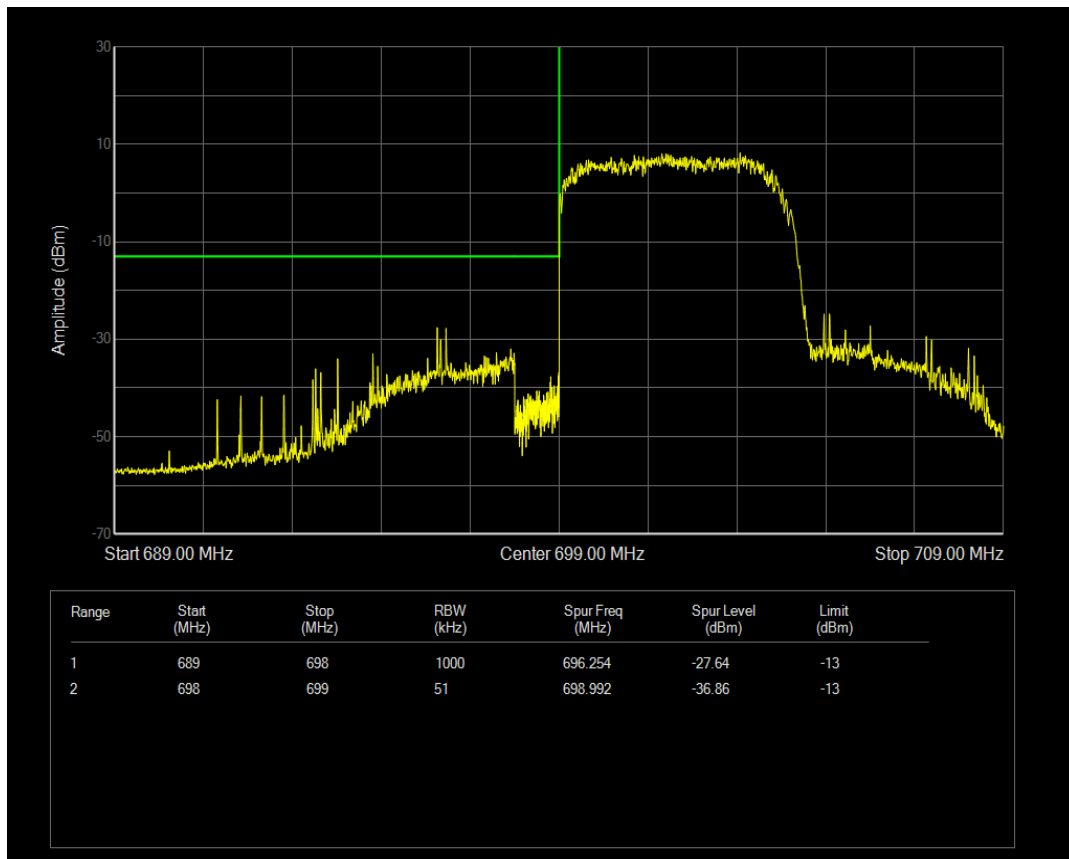
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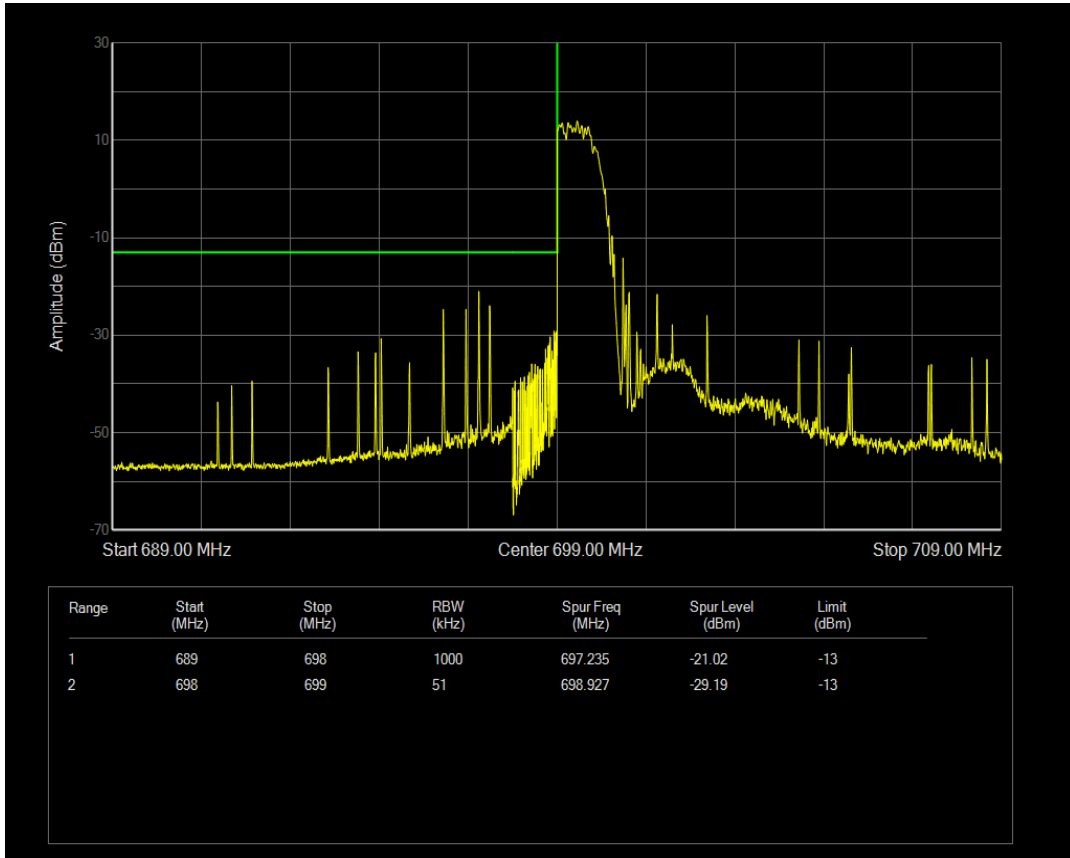
## 5 Band edge for NR FR1

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-----------------|------------------|-------------|---------|
| n12  | 15        | 5               | 140300     | 25@0          | DFT_QPSK   | 696.25          | -27.64           | -13         | PASS    |
| n12  | 15        | 5               | 140300     | 1@0           | DFT_QPSK   | 697.24          | -21.02           | -13         | PASS    |
| n12  | 15        | 5               | 142700     | 25@0          | DFT_QPSK   | 719.03          | -28.04           | -13         | PASS    |
| n12  | 15        | 5               | 142700     | 1@24          | DFT_QPSK   | 717.10          | -19.60           | -13         | PASS    |
| n12  | 15        | 15              | 141300     | 75@0          | DFT_QPSK   | 697.02          | -32.95           | -13         | PASS    |
| n12  | 15        | 15              | 141300     | 1@0           | DFT_QPSK   | 699.00          | -23.89           | -13         | PASS    |
| n12  | 15        | 15              | 141700     | 75@0          | DFT_QPSK   | 717.30          | -34.25           | -13         | PASS    |
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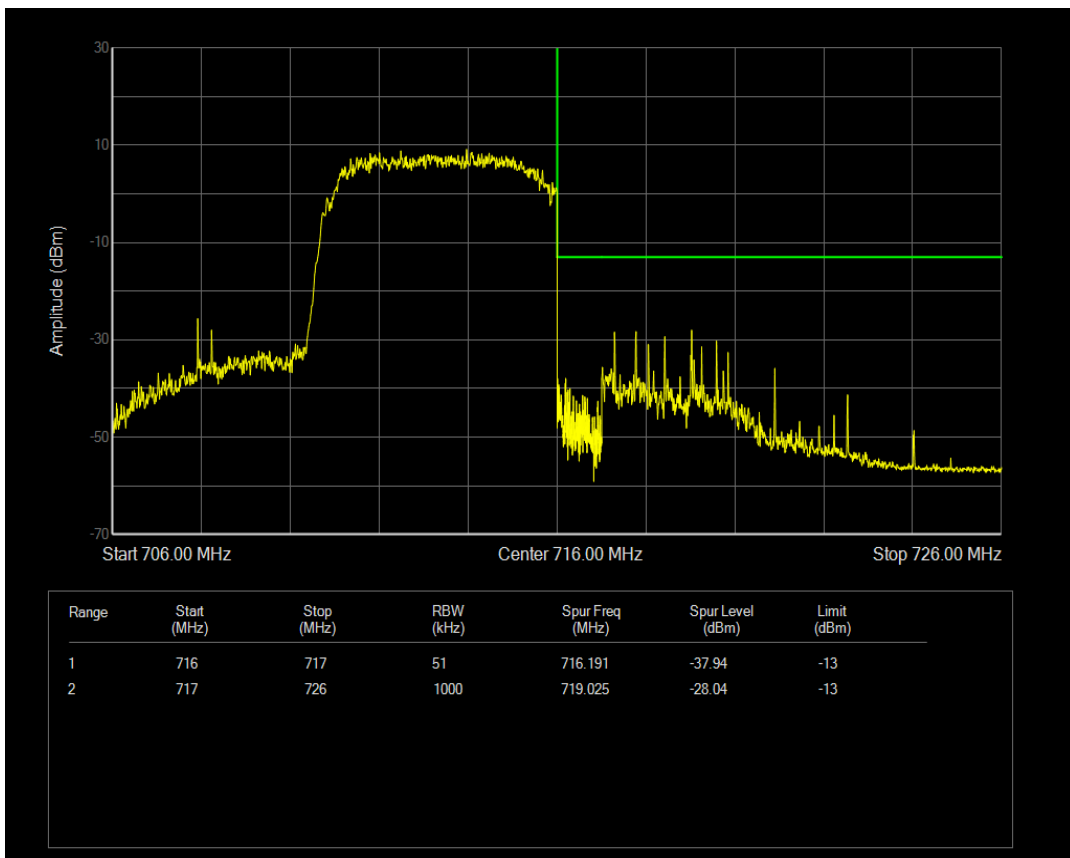
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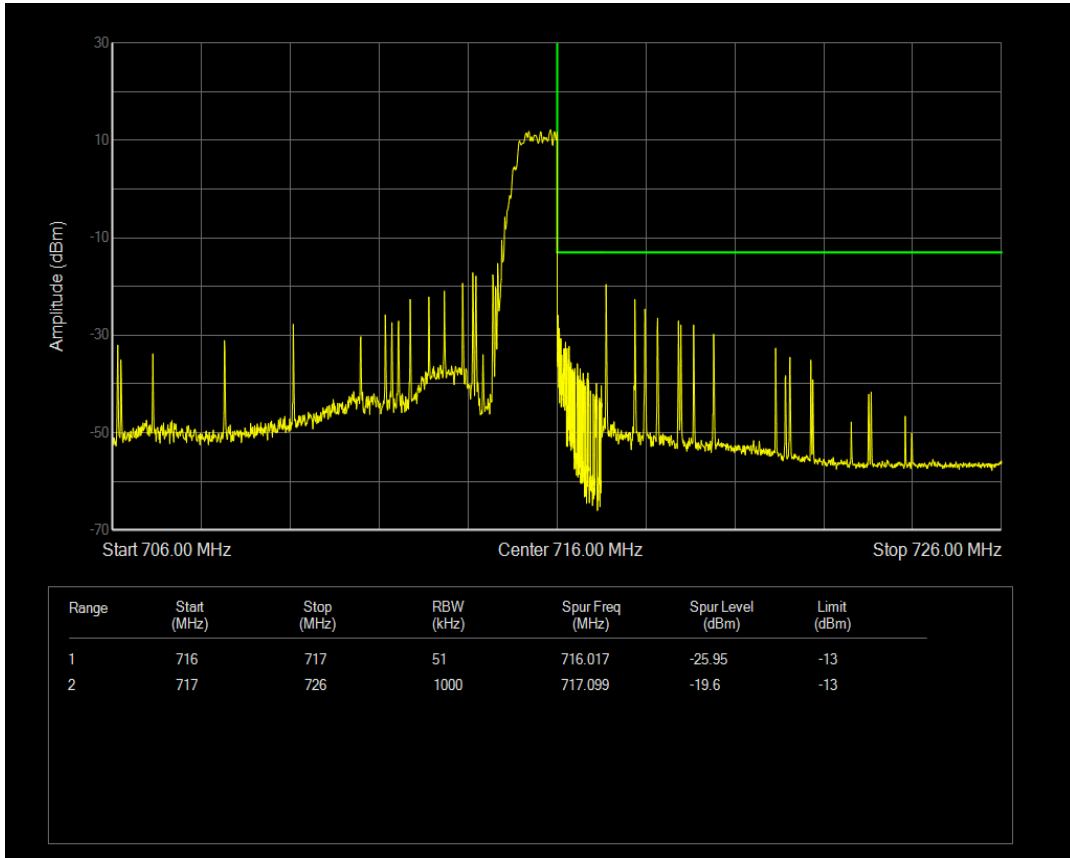
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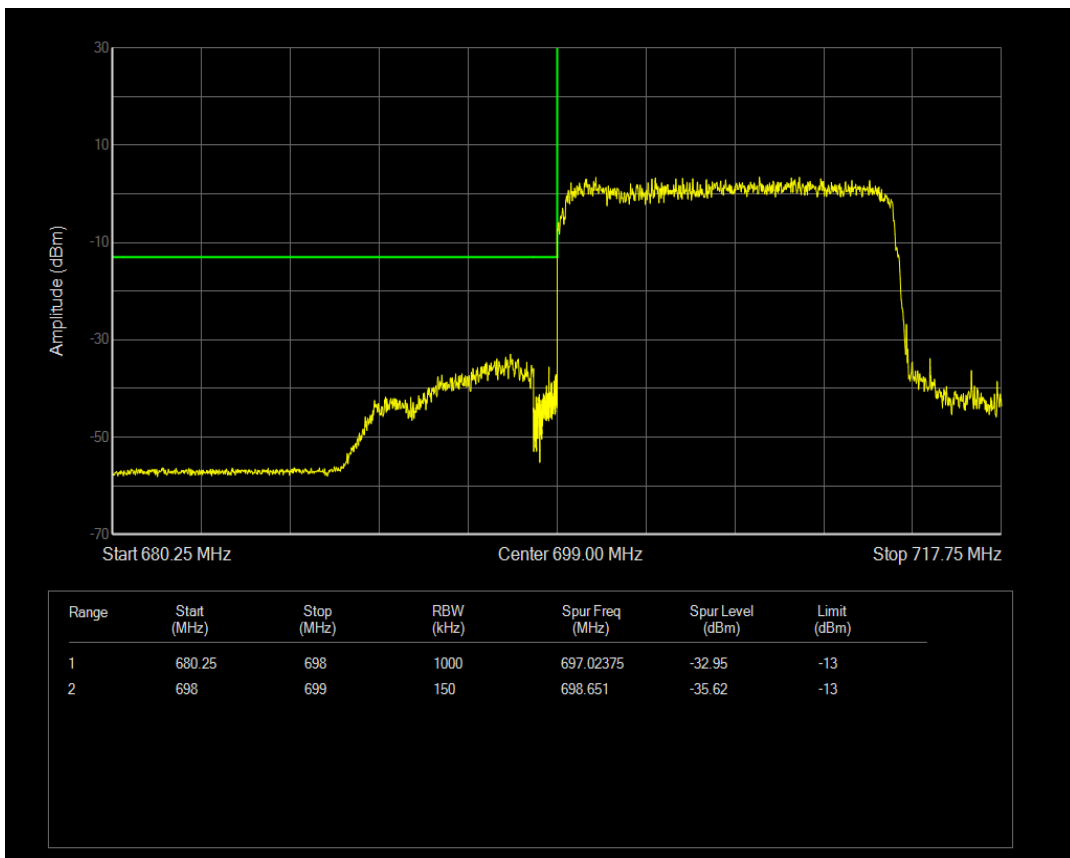
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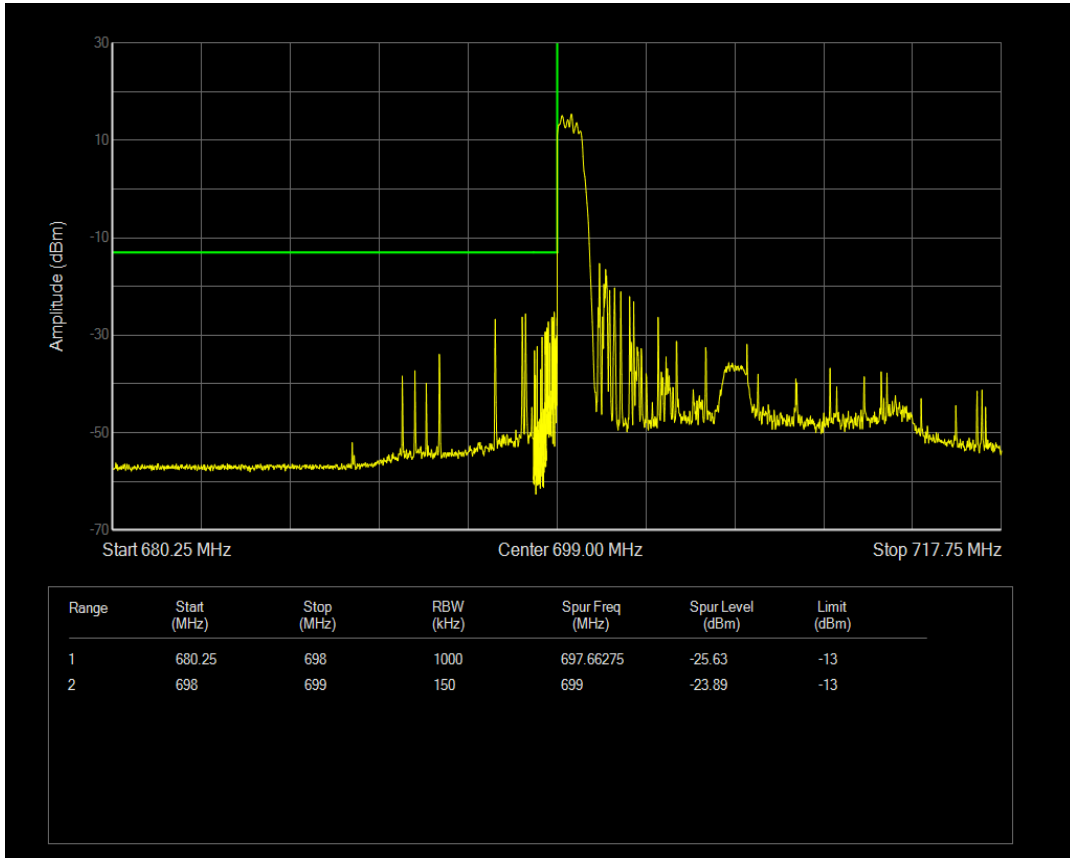
n12 SCS=15kHz DFT\_QPSK BW=5MHz Channel=142700 RB=1@24



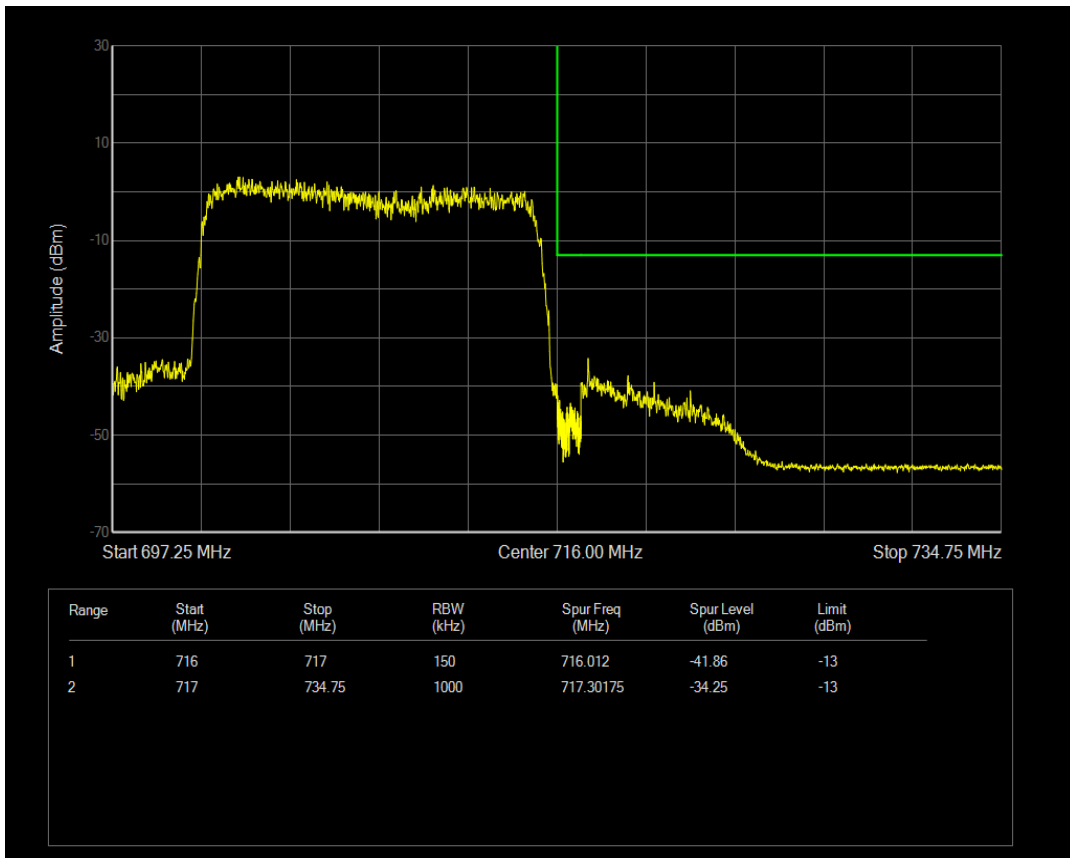
n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141300 RB=75@0



n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141300 RB=1@0

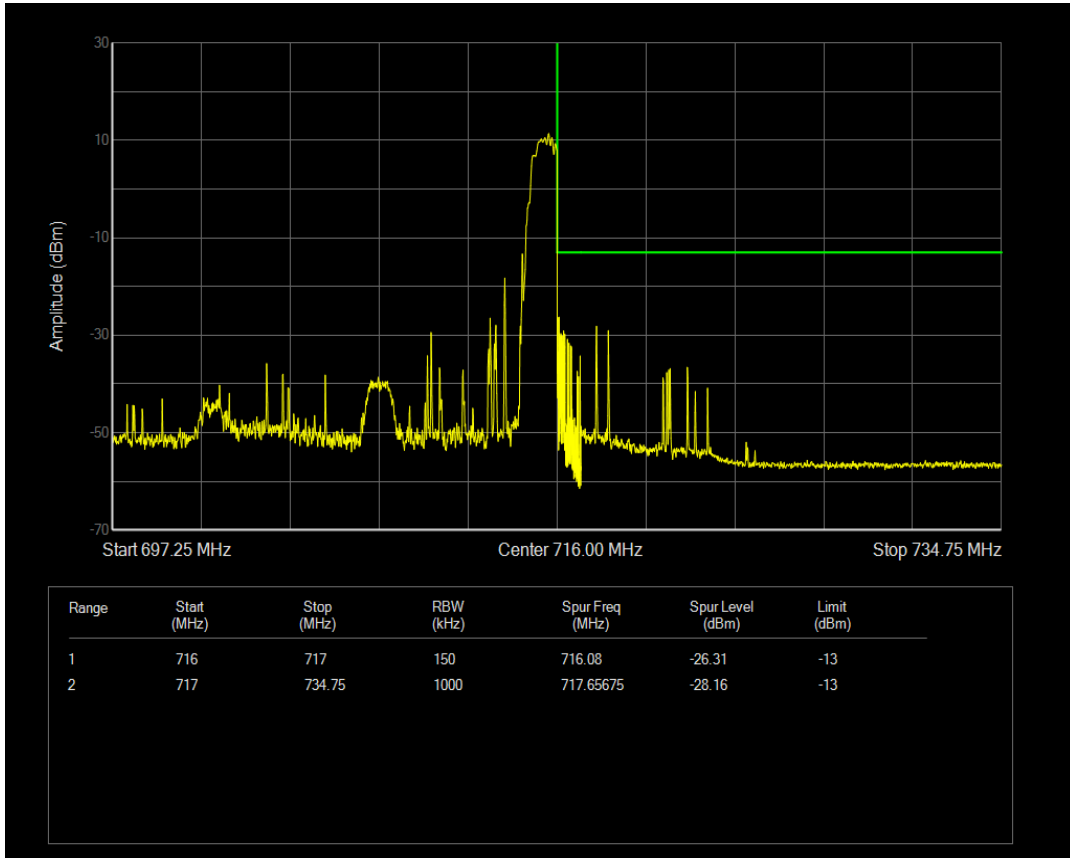


n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141700 RB=75@0



n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141700 RB=1@78

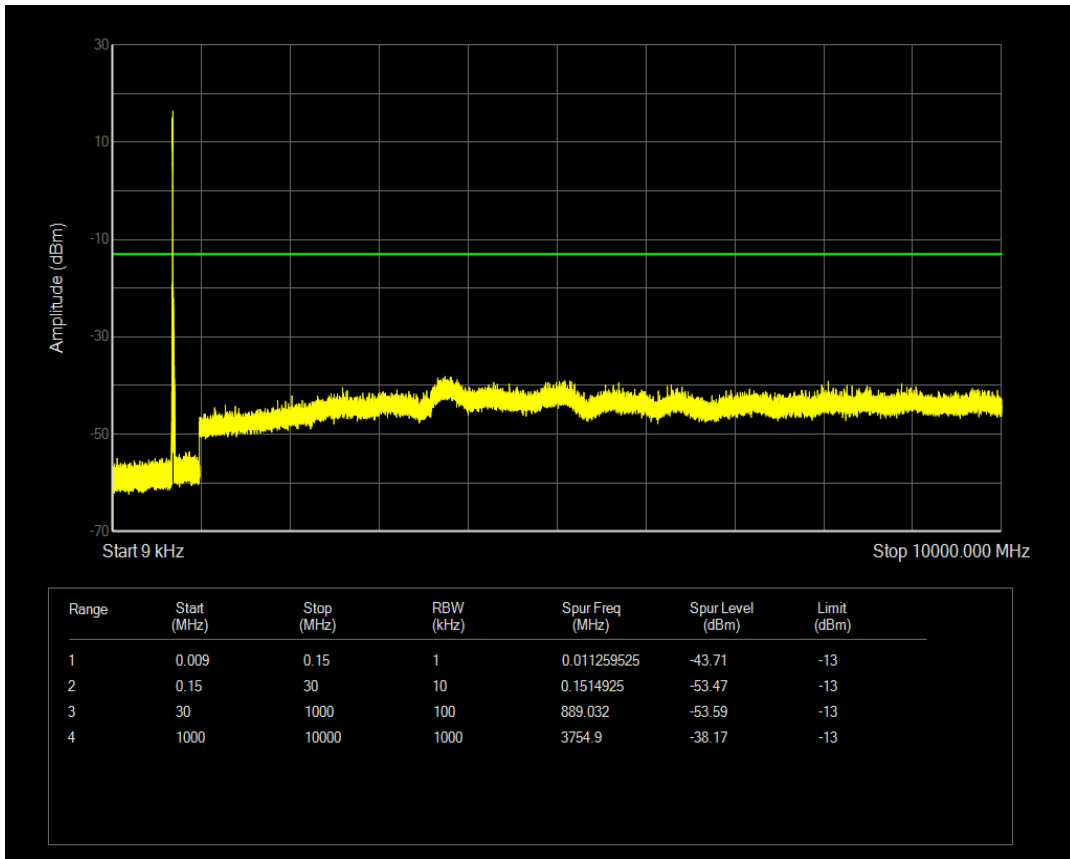




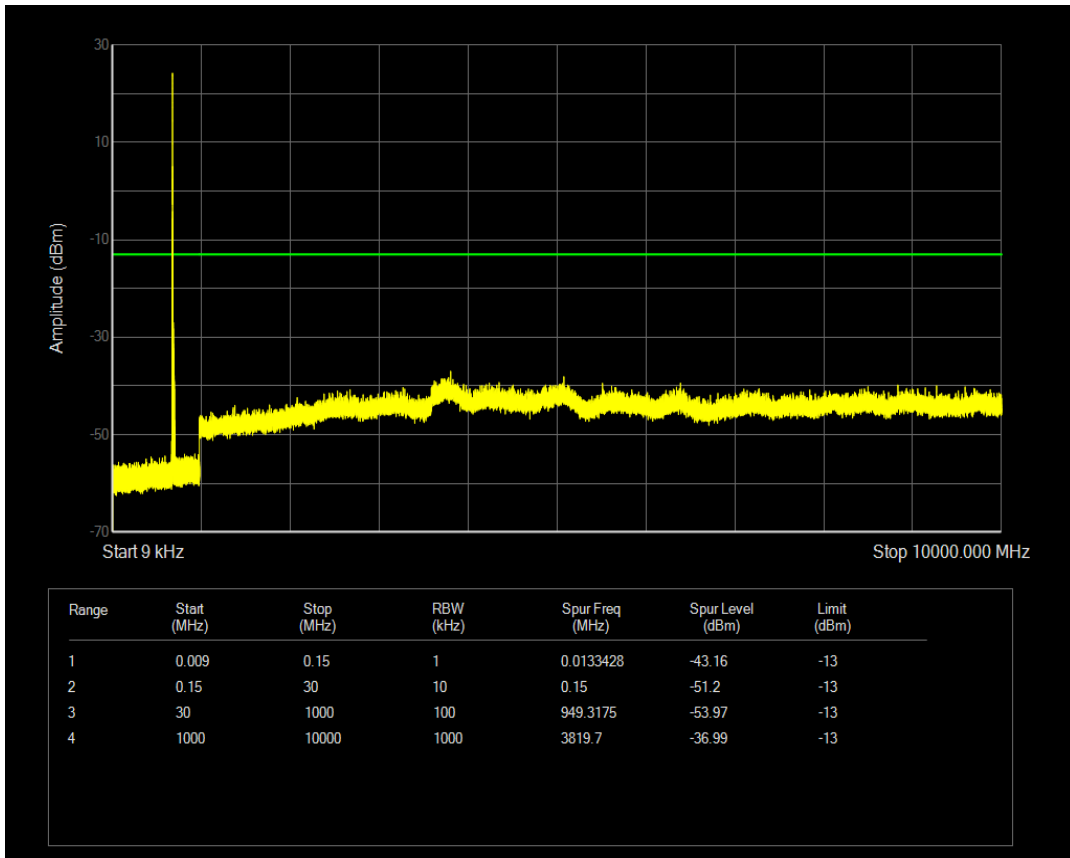
## 6 Out-of-band emissions for NR FR1

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-----------------|------------------|-------------|---------|
| n12  | 15        | 5               | 140300     | 25@0          | DFT_QPSK   | 3754.90         | -38.17           | -13         | PASS    |
| n12  | 15        | 5               | 140300     | 1@0           | DFT_QPSK   | 3819.70         | -36.99           | -13         | PASS    |
| n12  | 15        | 5               | 140300     | 1@24          | DFT_QPSK   | 3758.73         | -36.88           | -13         | PASS    |
| n12  | 15        | 5               | 141500     | 25@0          | DFT_QPSK   | 3725.88         | -38.07           | -13         | PASS    |
| n12  | 15        | 5               | 141500     | 1@0           | DFT_QPSK   | 3894.40         | -38.15           | -13         | PASS    |
| n12  | 15        | 5               | 141500     | 1@24          | DFT_QPSK   | 3849.63         | -37.20           | -13         | PASS    |
| n12  | 15        | 5               | 142700     | 25@0          | DFT_QPSK   | 3791.13         | -37.44           | -13         | PASS    |
| n12  | 15        | 5               | 142700     | 1@0           | DFT_QPSK   | 3781.90         | -38.07           | -13         | PASS    |
| n12  | 15        | 5               | 142700     | 1@24          | DFT_QPSK   | 3757.60         | -37.31           | -13         | PASS    |
| n12  | 15        | 15              | 141300     | 75@0          | DFT_QPSK   | 3783.25         | -37.82           | -13         | PASS    |
| n12  | 15        | 15              | 141300     | 1@0           | DFT_QPSK   | 3868.75         | -37.77           | -13         | PASS    |
| n12  | 15        | 15              | 141300     | 1@78          | DFT_QPSK   | 3785.73         | -37.37           | -13         | PASS    |
| n12  | 15        | 15              | 141500     | 75@0          | DFT_QPSK   | 3702.48         | -36.89           | -13         | PASS    |
| n12  | 15        | 15              | 141500     | 1@0           | DFT_QPSK   | 3847.60         | -37.77           | -13         | PASS    |
| n12  | 15        | 15              | 141500     | 1@78          | DFT_QPSK   | 3755.80         | -37.73           | -13         | PASS    |
| n12  | 15        | 15              | 141700     | 75@0          | DFT_QPSK   | 3703.60         | -37.94           | -13         | PASS    |
| n12  | 15        | 15              | 141700     | 1@0           | DFT_QPSK   | 3736.45         | -37.46           | -13         | PASS    |
| n12  | 15        | 15              | 141700     | 1@78          | DFT_QPSK   | 3744.10         | -38.00           | -13         | PASS    |

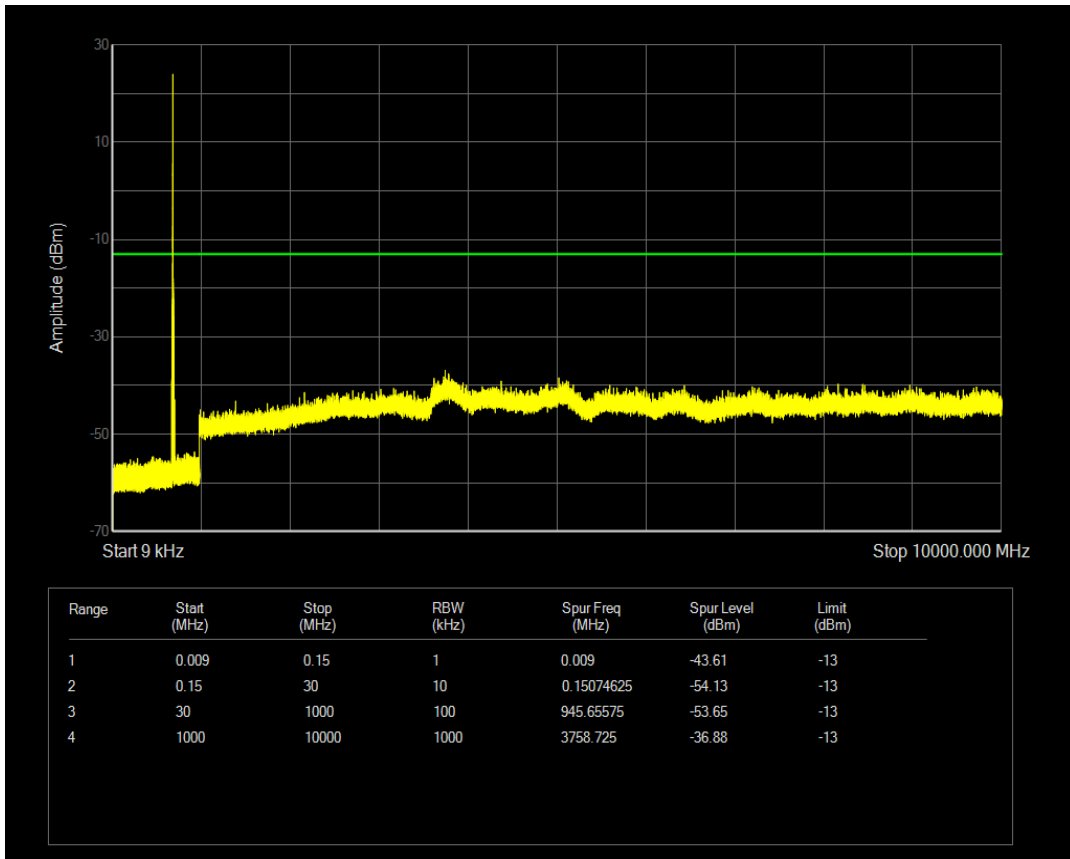
n12 SCS=15kHz DFT\_QPSK BW=5MHz Channel=140300 RB=25@0



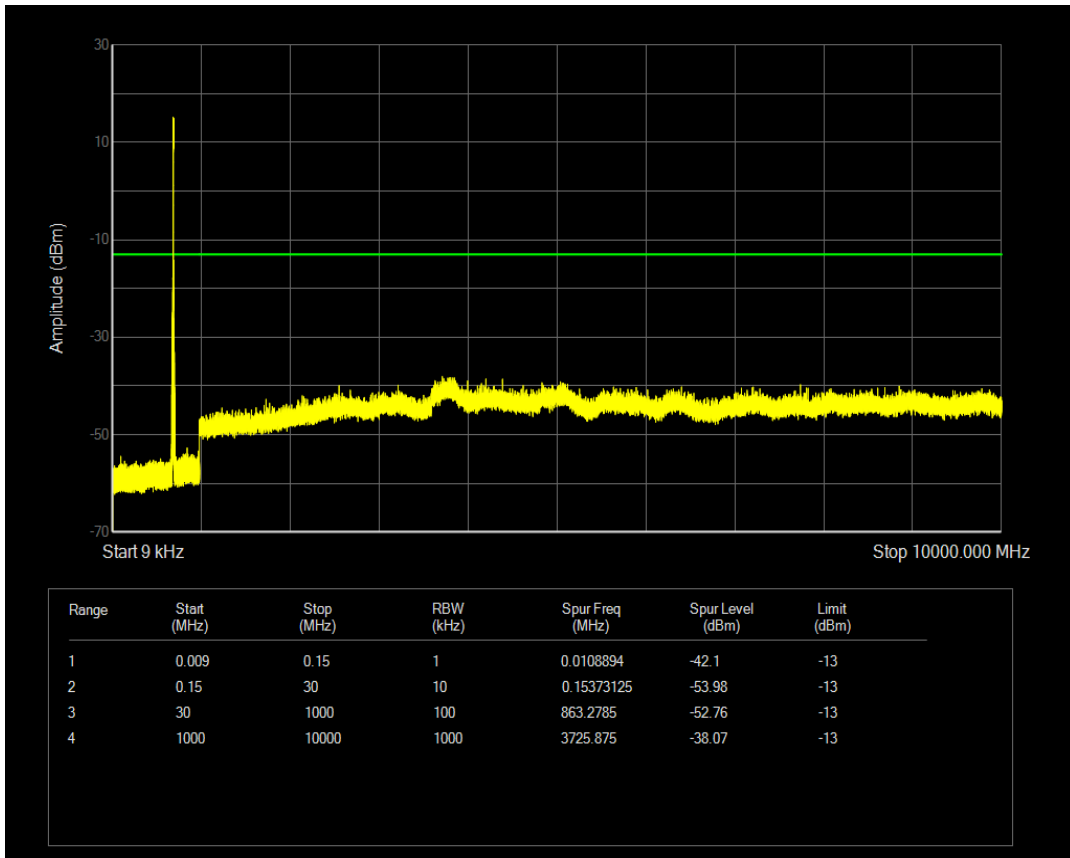
n12 SCS=15kHz DFT\_QPSK BW=5MHz Channel=140300 RB=1@0



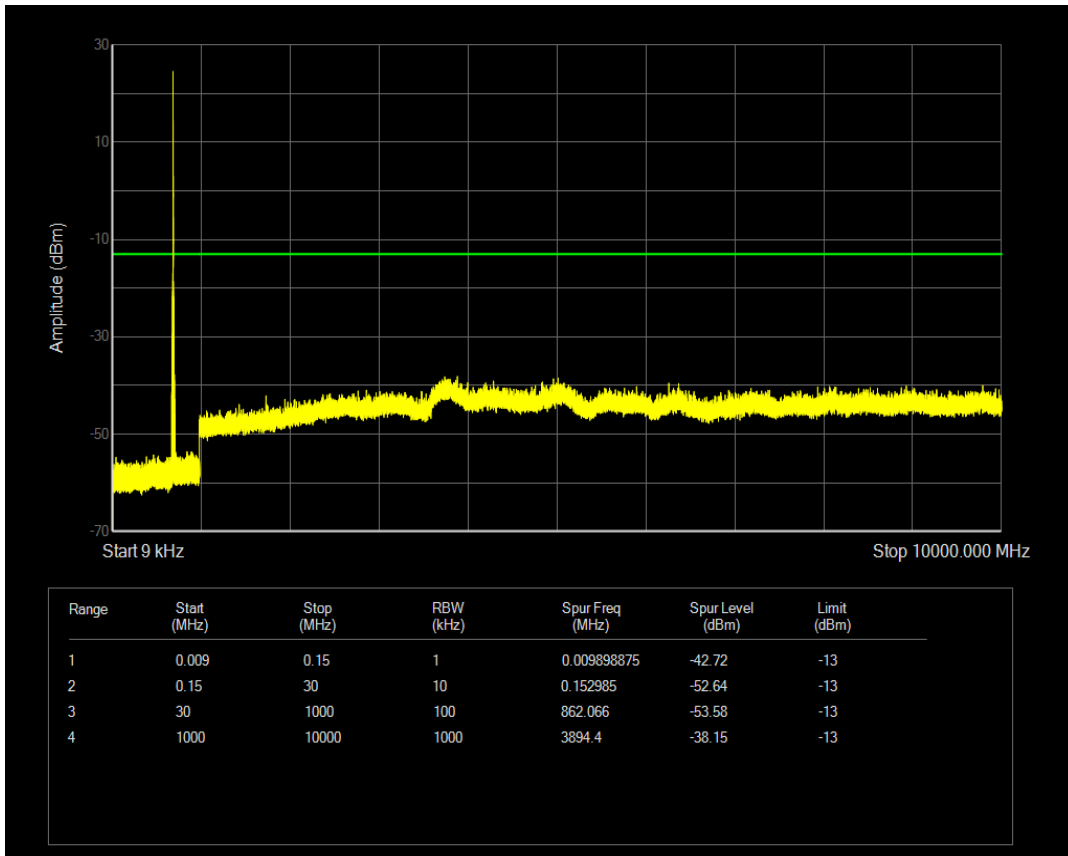
n12 SCS=15kHz DFT\_QPSK BW=5MHz Channel=140300 RB=1@24



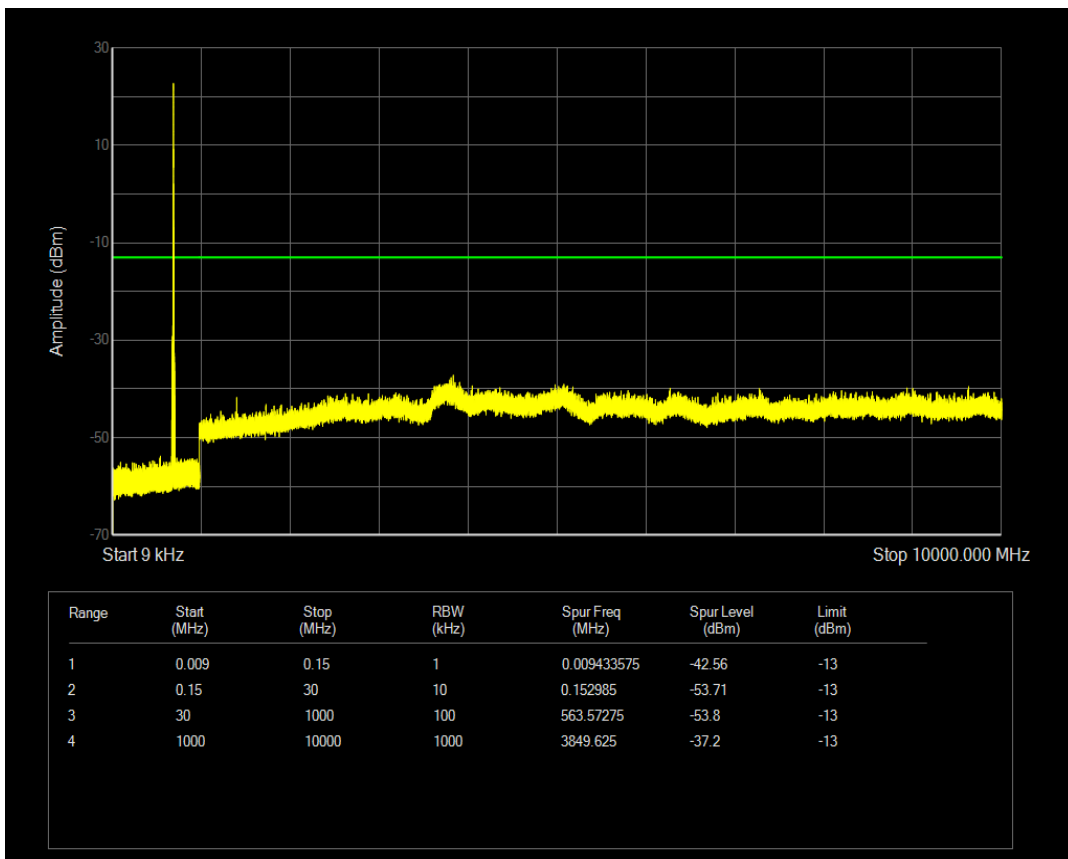
n12 SCS=15kHz DFT\_QPSK BW=5MHz Channel=141500 RB=25@0



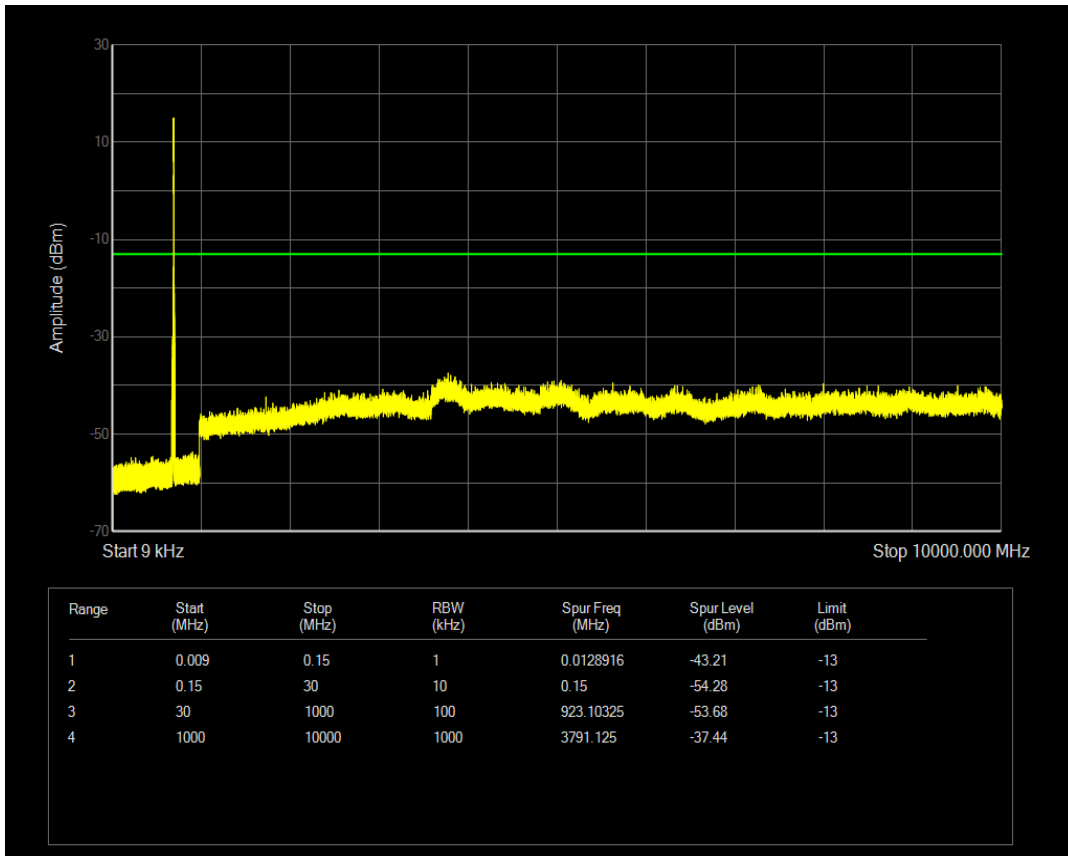
n12 SCS=15kHz DFT\_QPSK BW=5MHz Channel=141500 RB=1@0



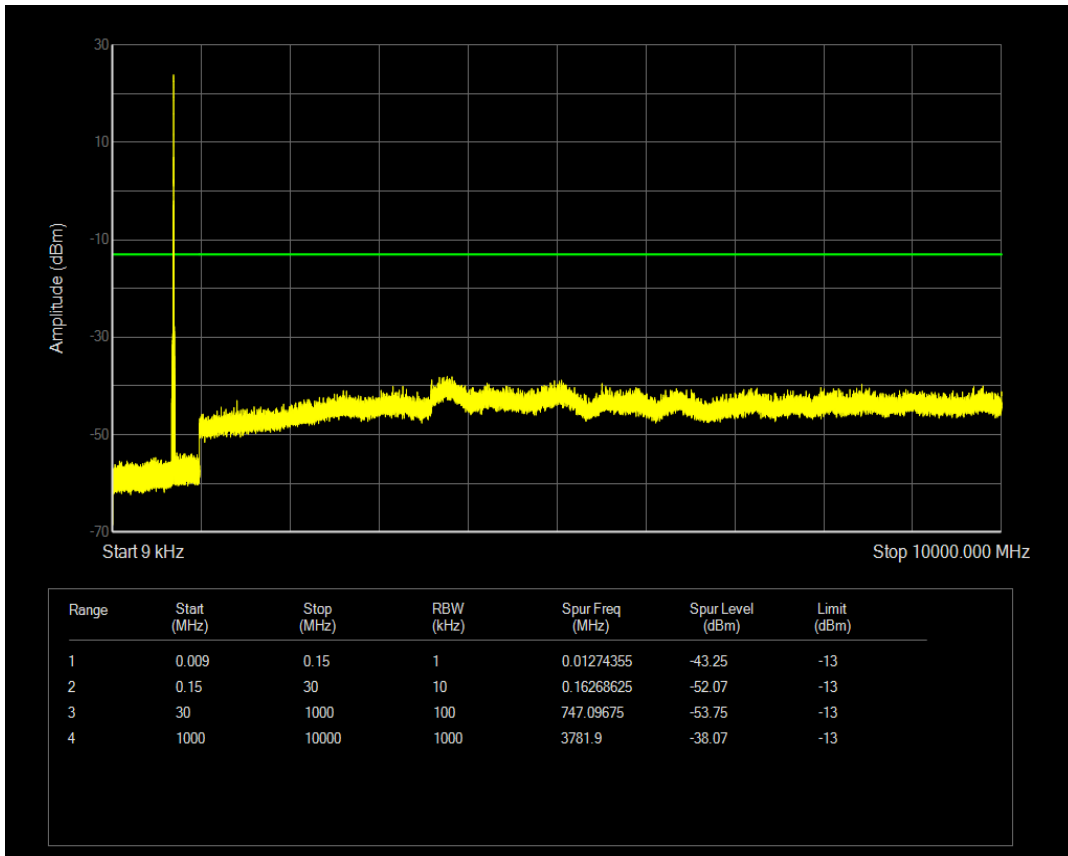
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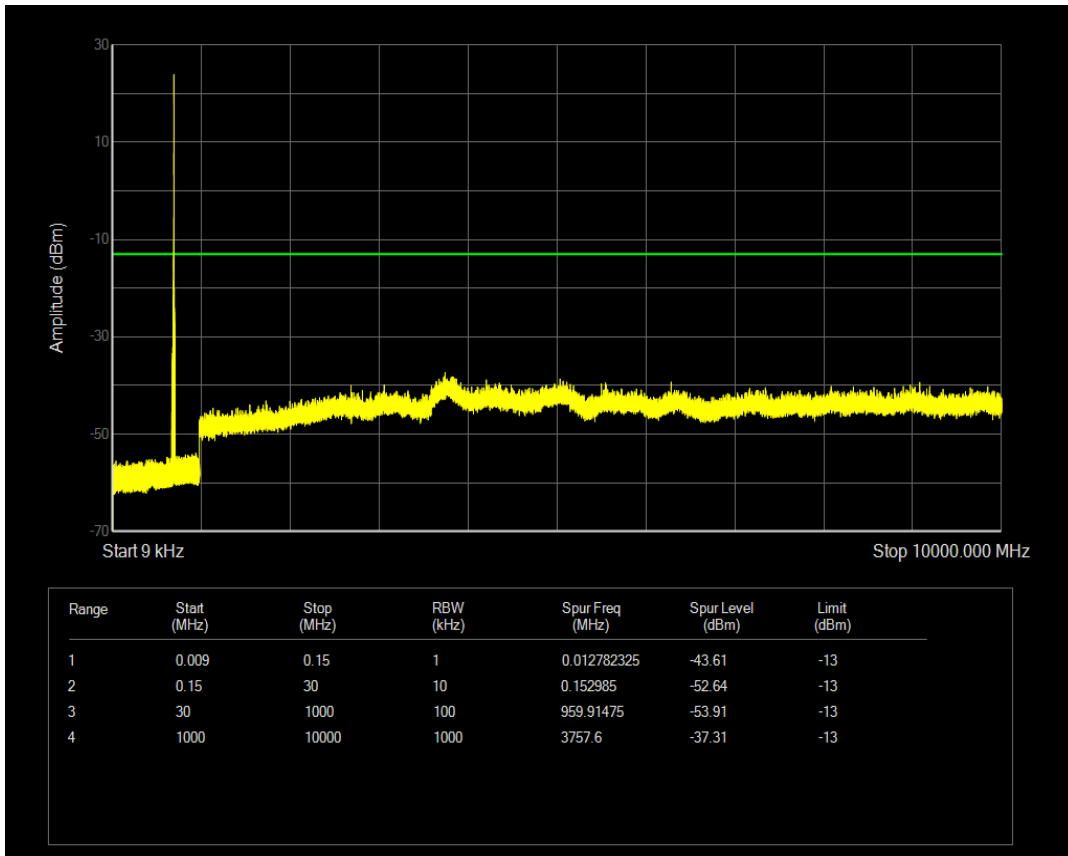
n12 SCS=15kHz DFT\_QPSK BW=5MHz Channel=142700 RB=25@0



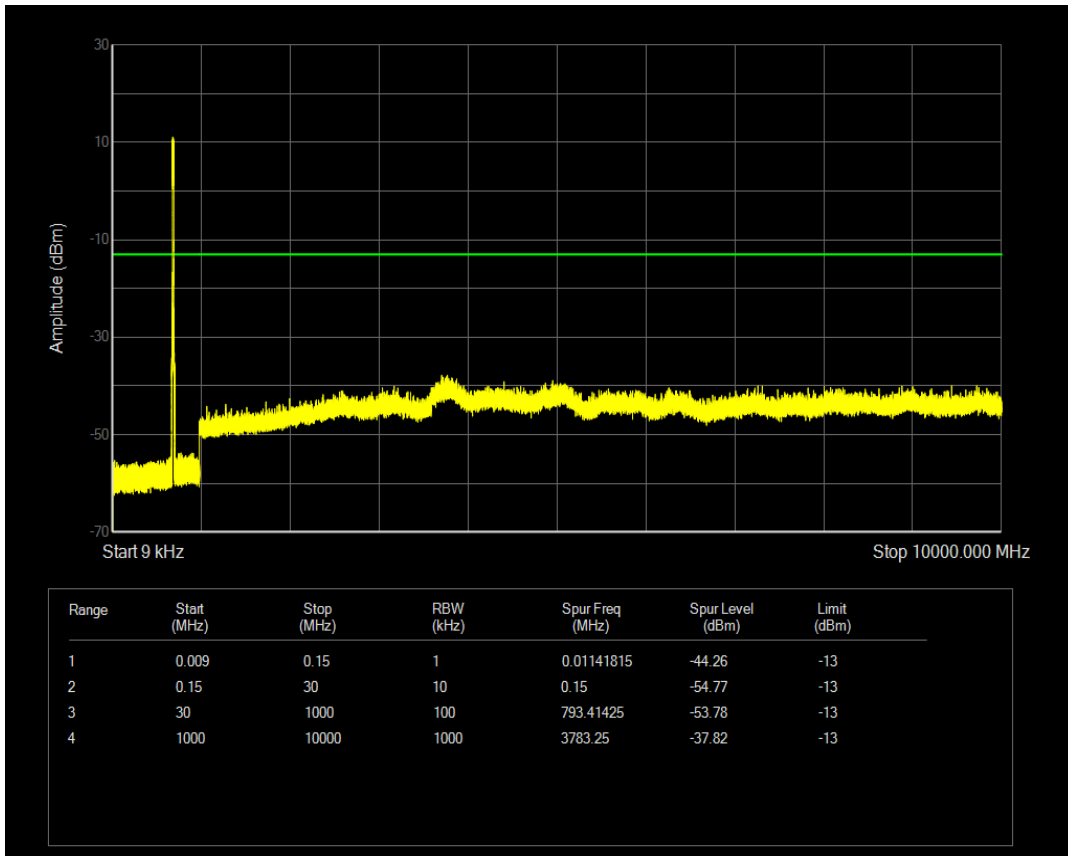
n12 SCS=15kHz DFT\_QPSK BW=5MHz Channel=142700 RB=1@0



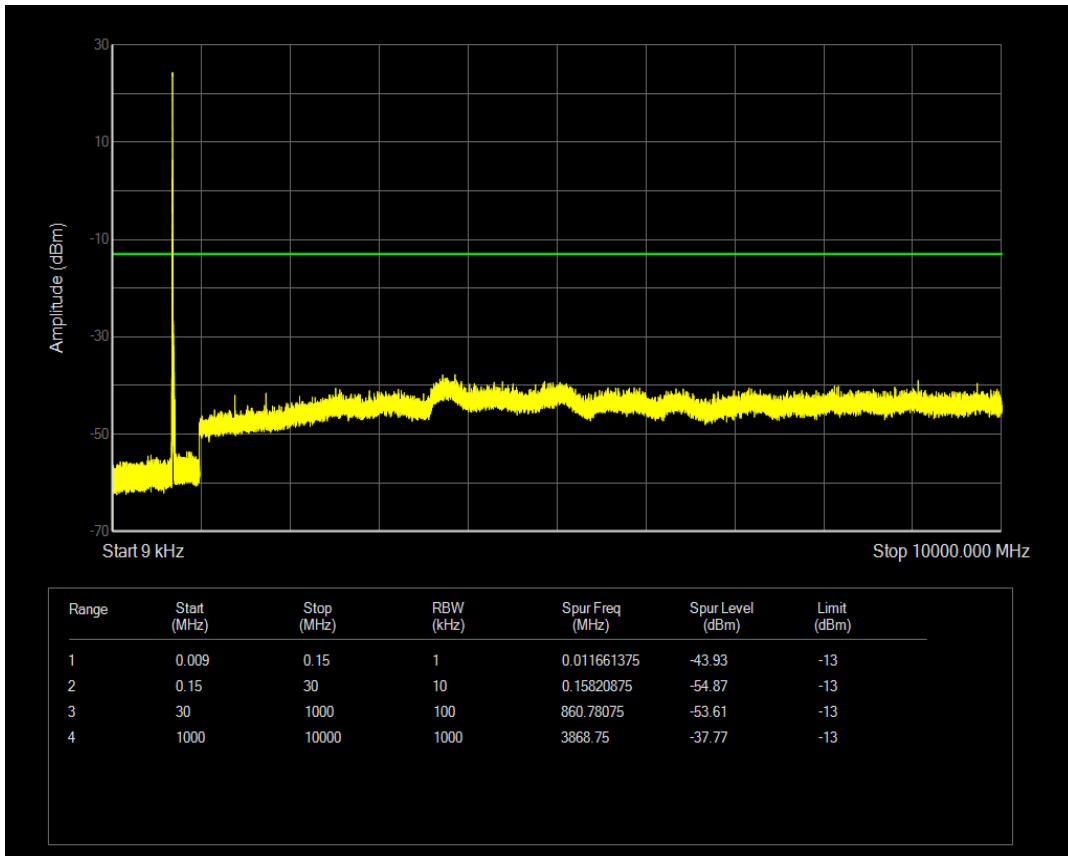
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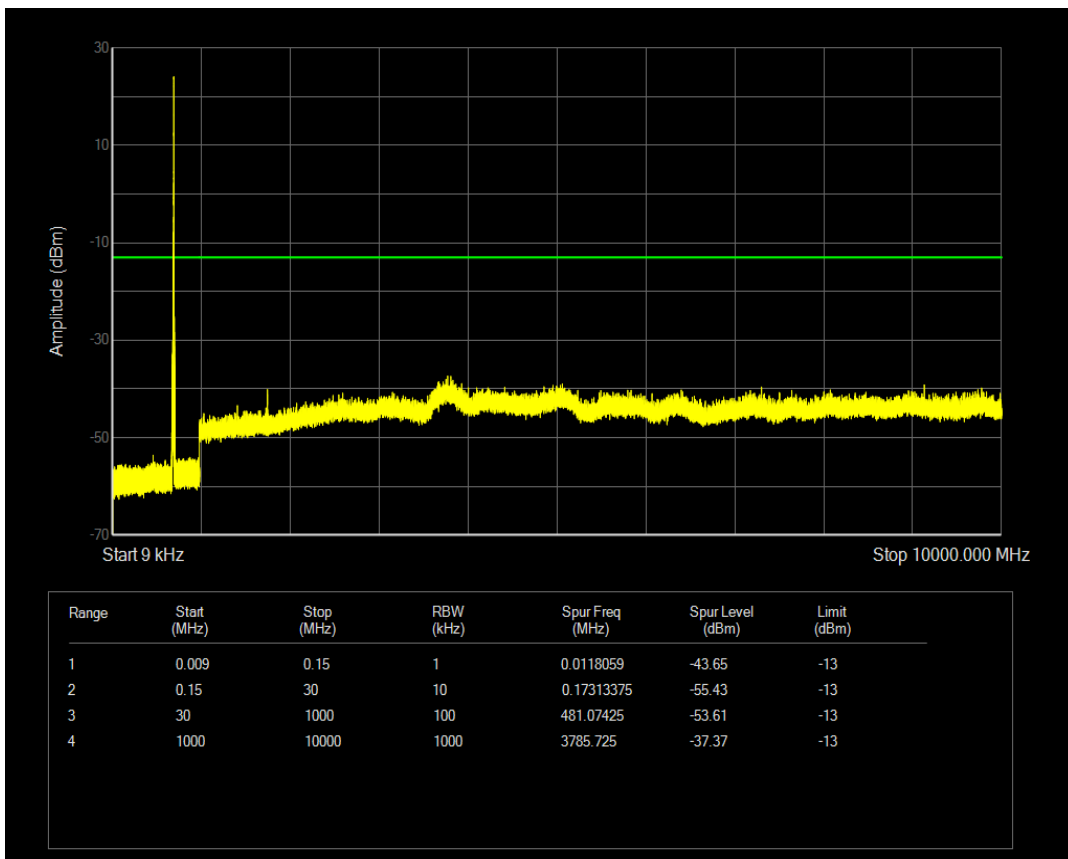
n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141300 RB=75@0



n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141300 RB=1@0

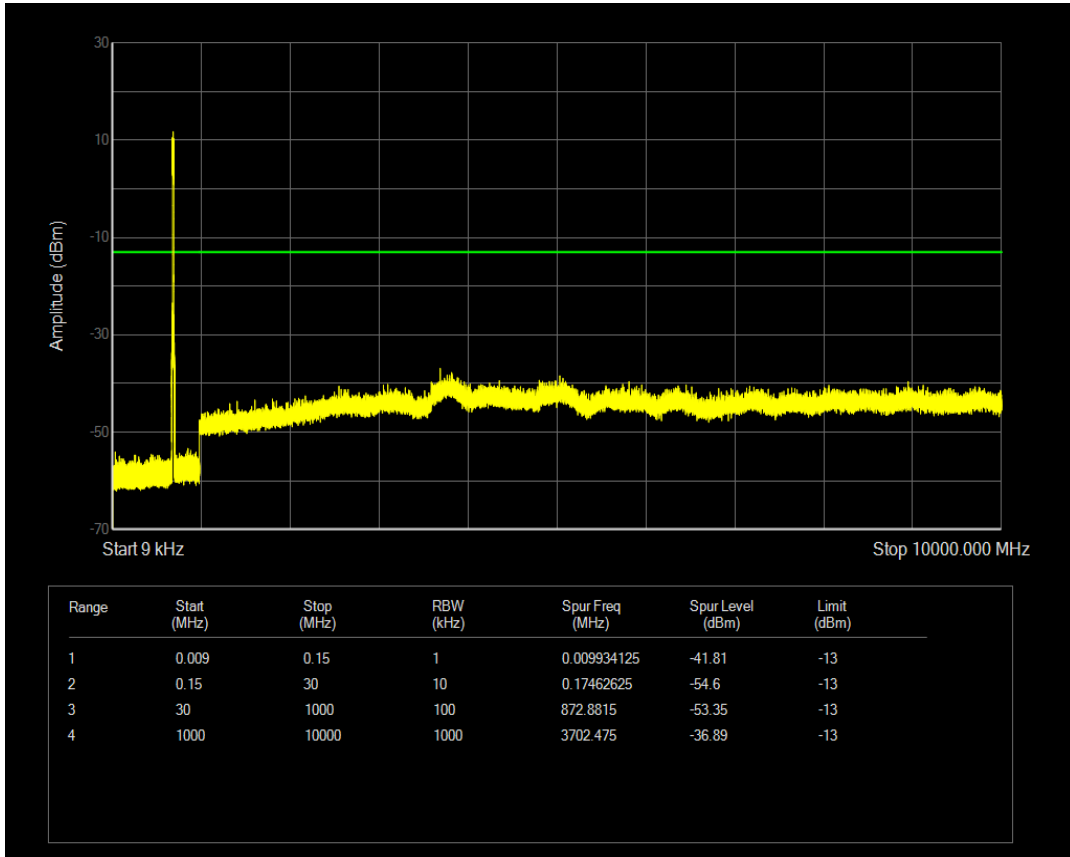


n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141300 RB=1@78

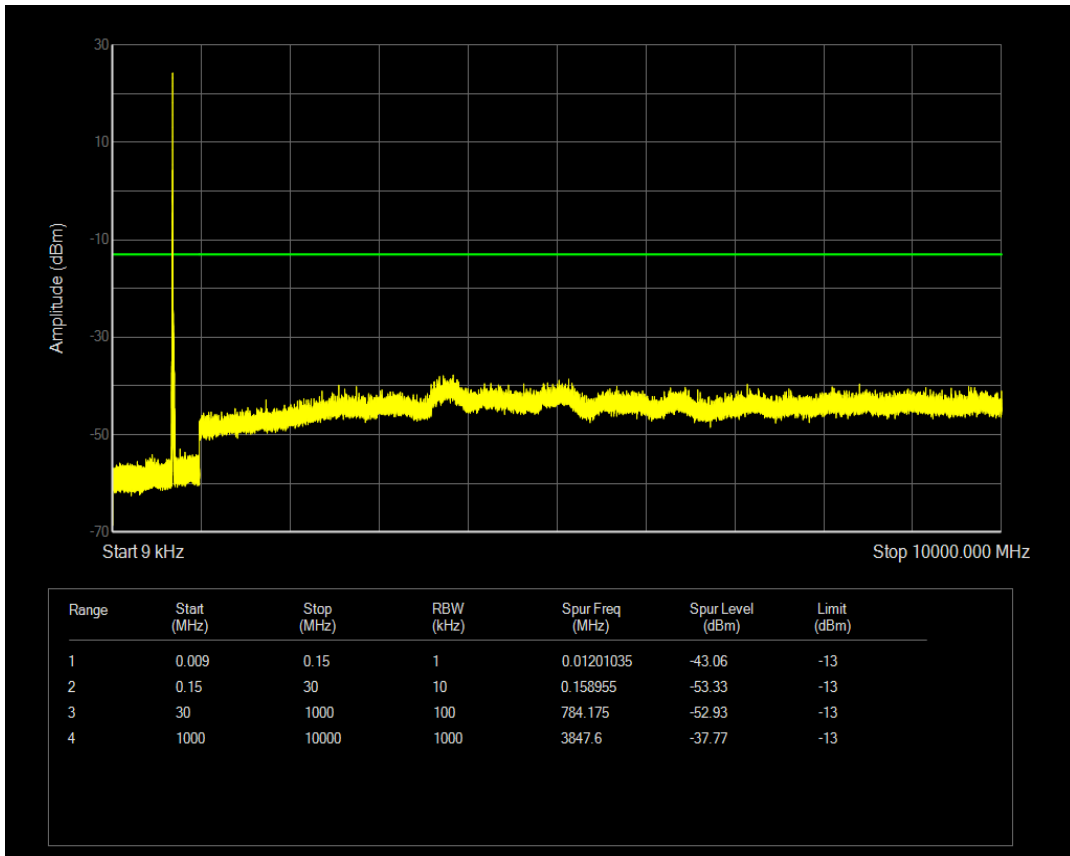




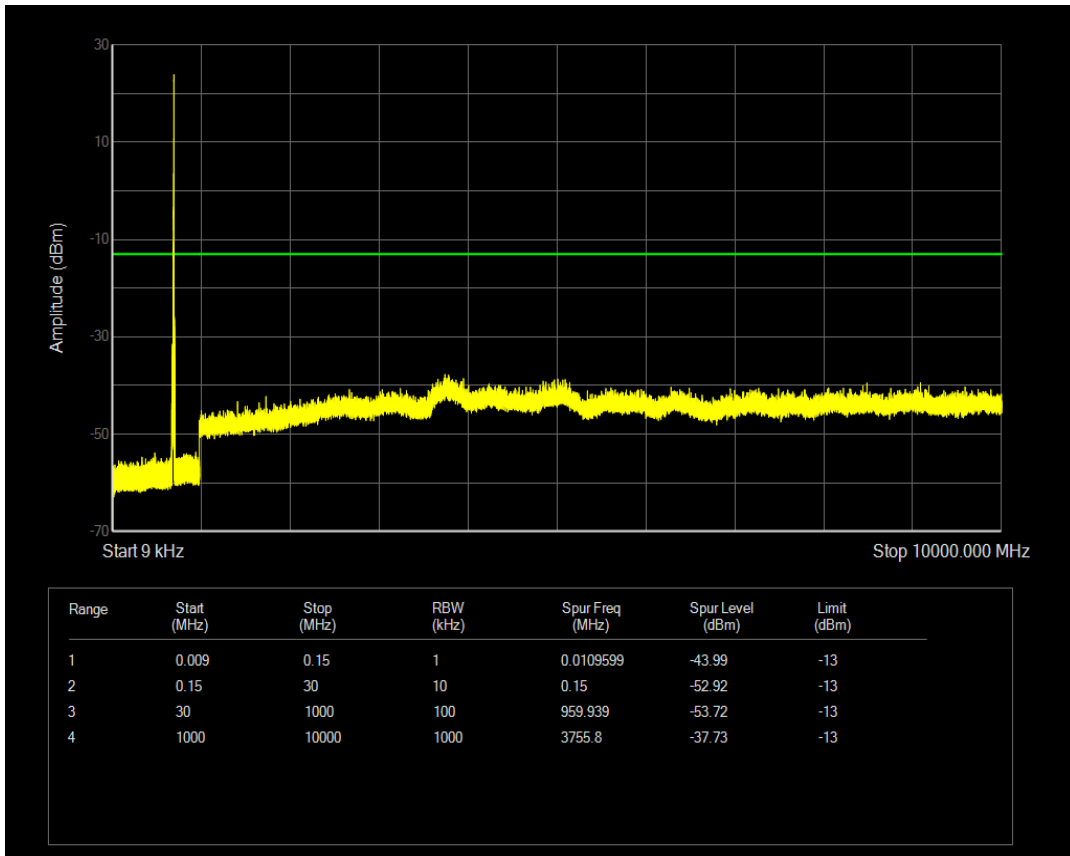
n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141500 RB=75@0



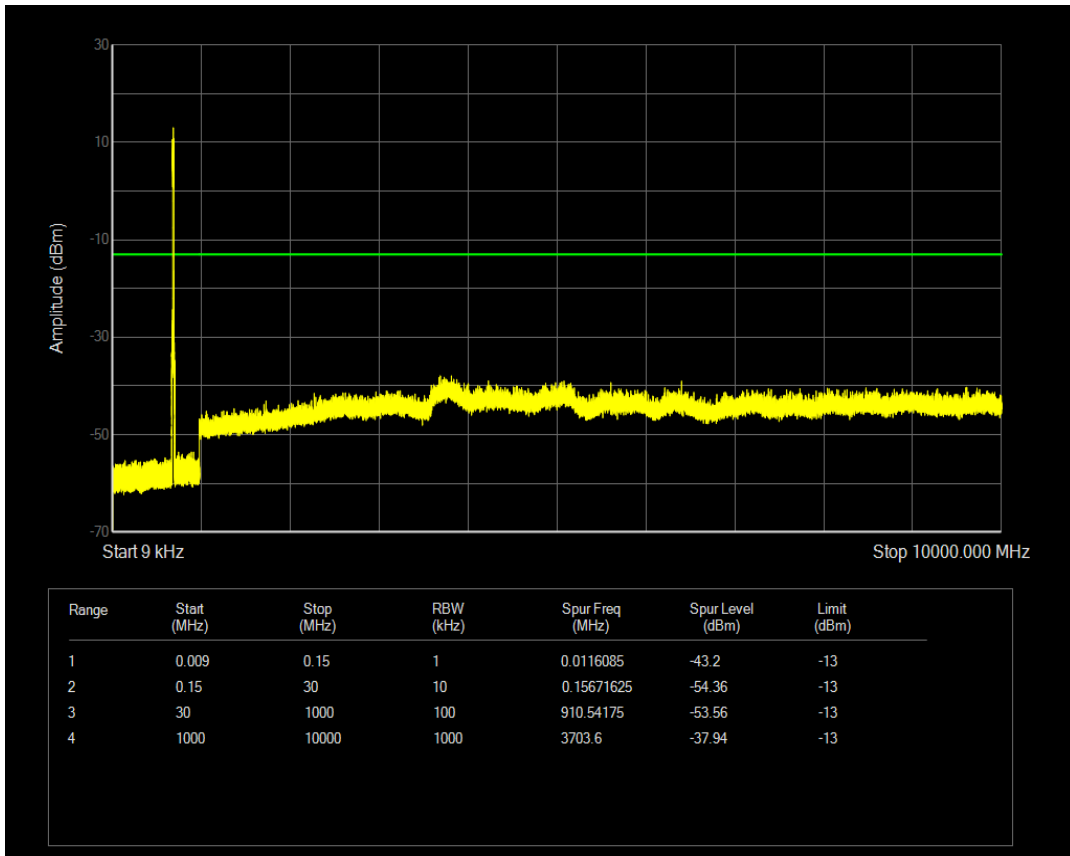
n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141500 RB=1@0



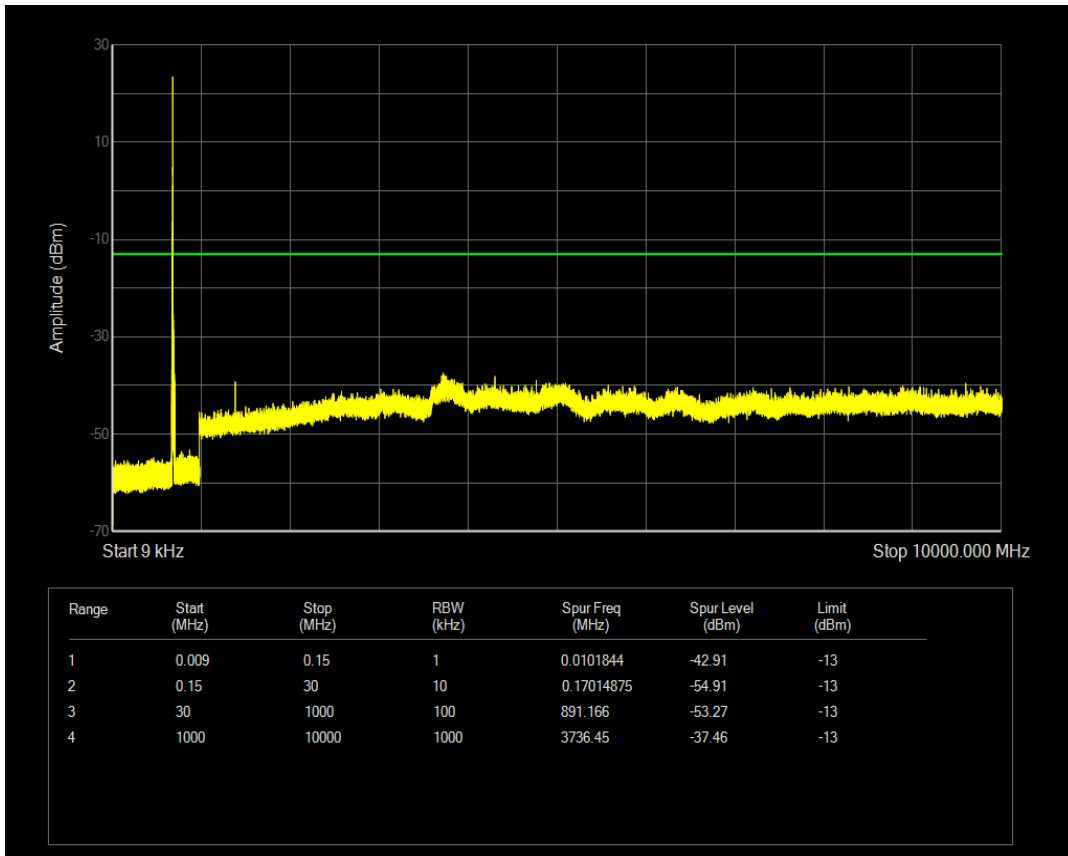
n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141500 RB=1@78



n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141700 RB=75@0



n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141700 RB=1@0



n12 SCS=15kHz DFT\_QPSK BW=15MHz Channel=141700 RB=1@78

